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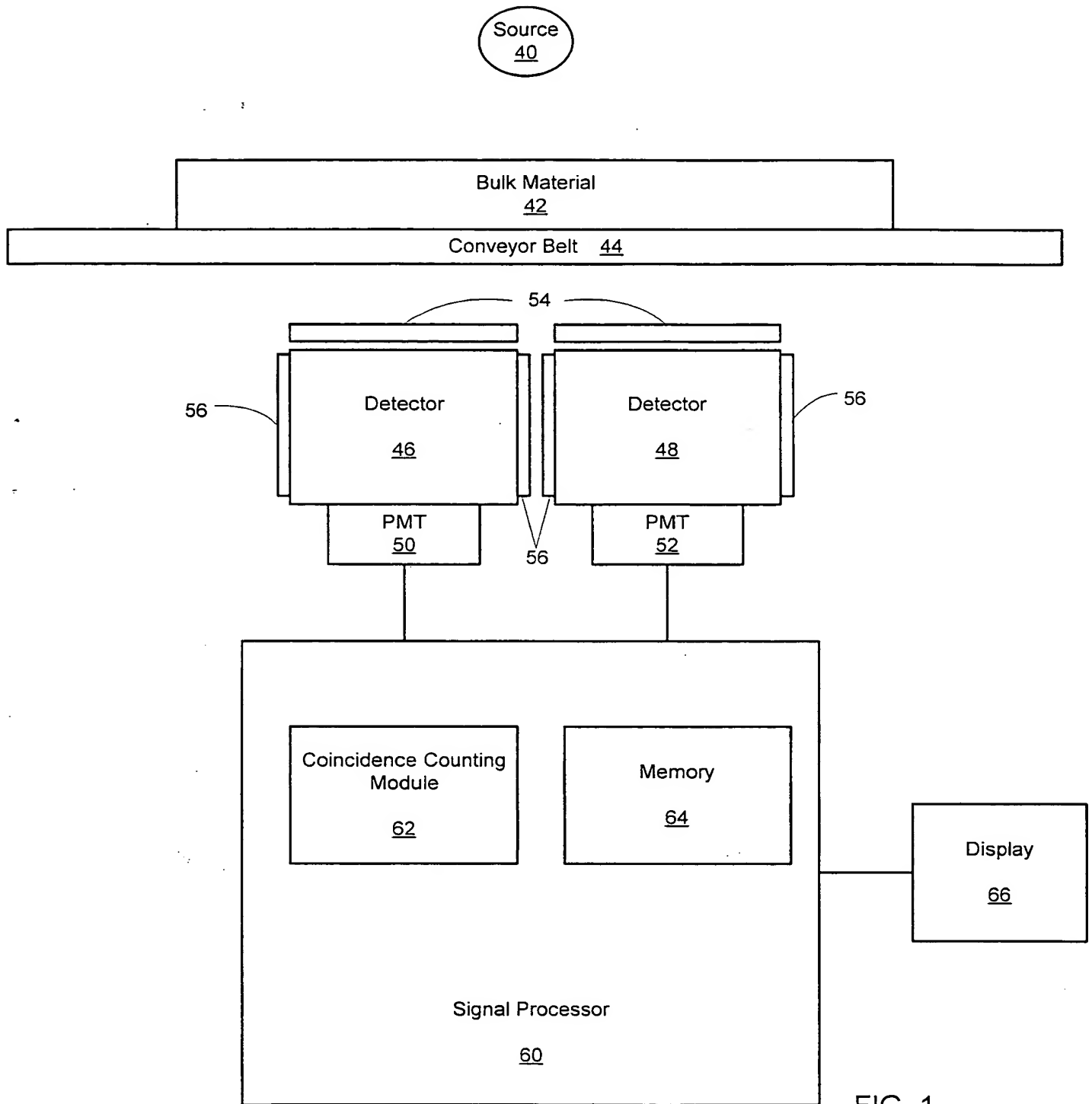


FIG. 1

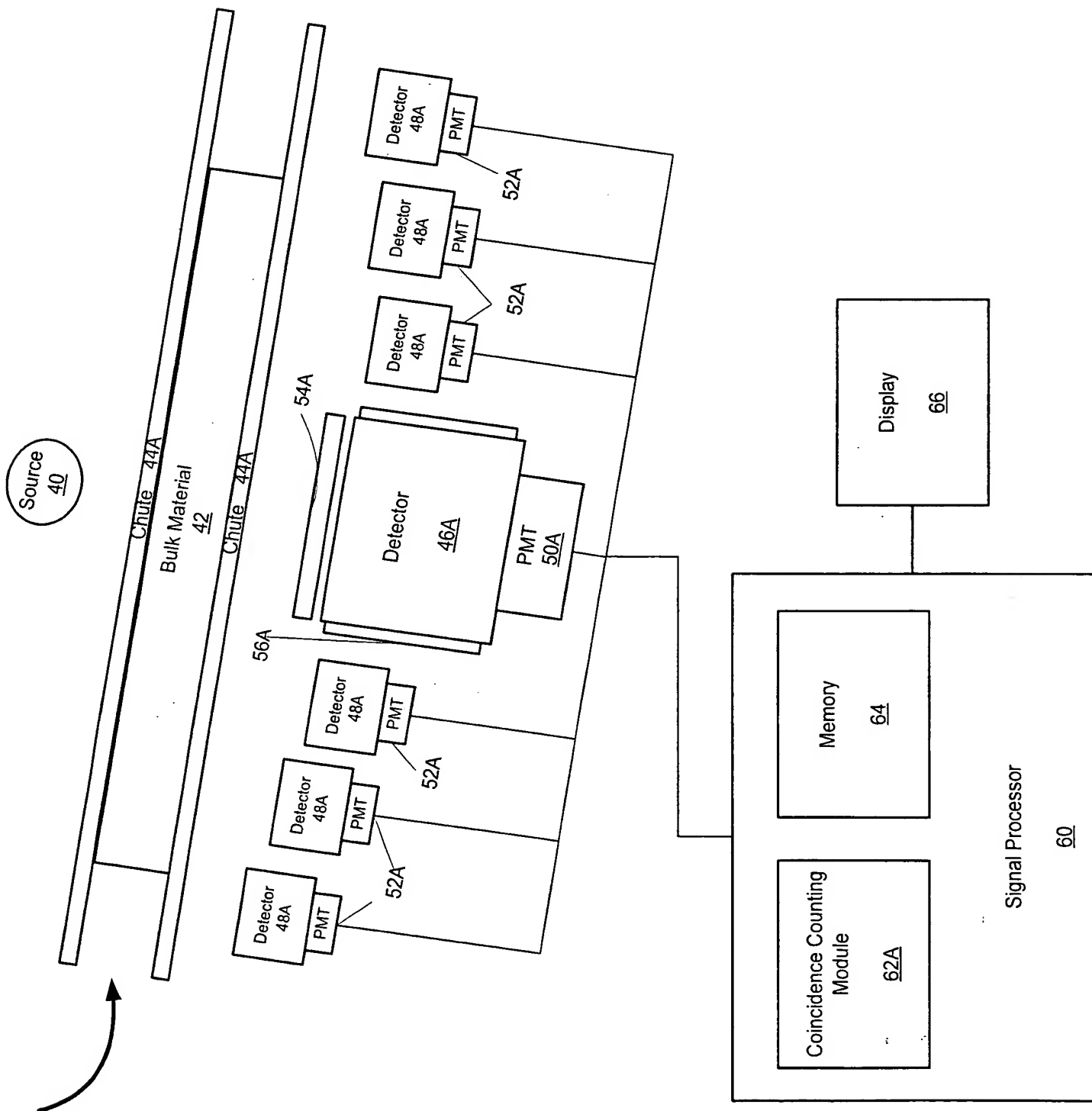
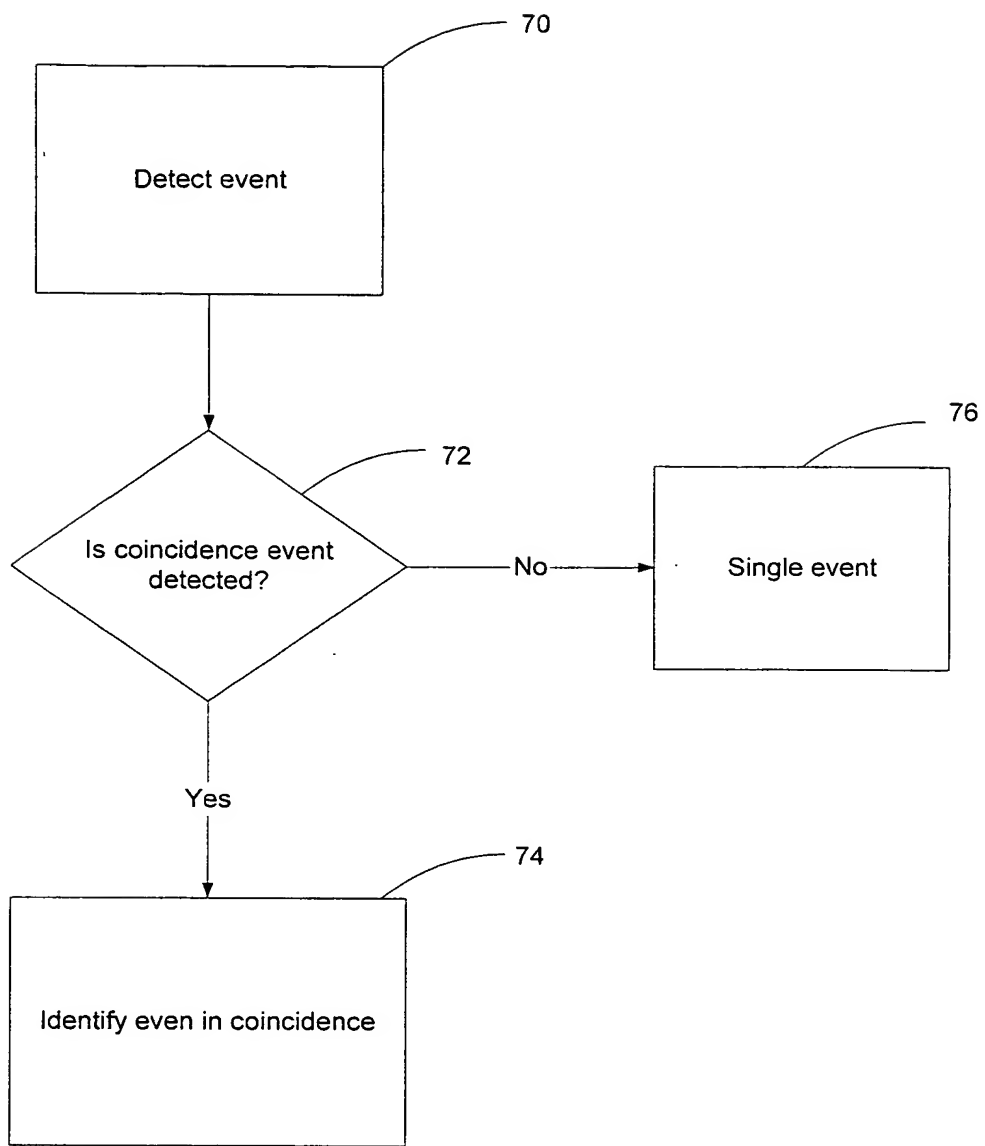


FIG. 2

FIG. 3



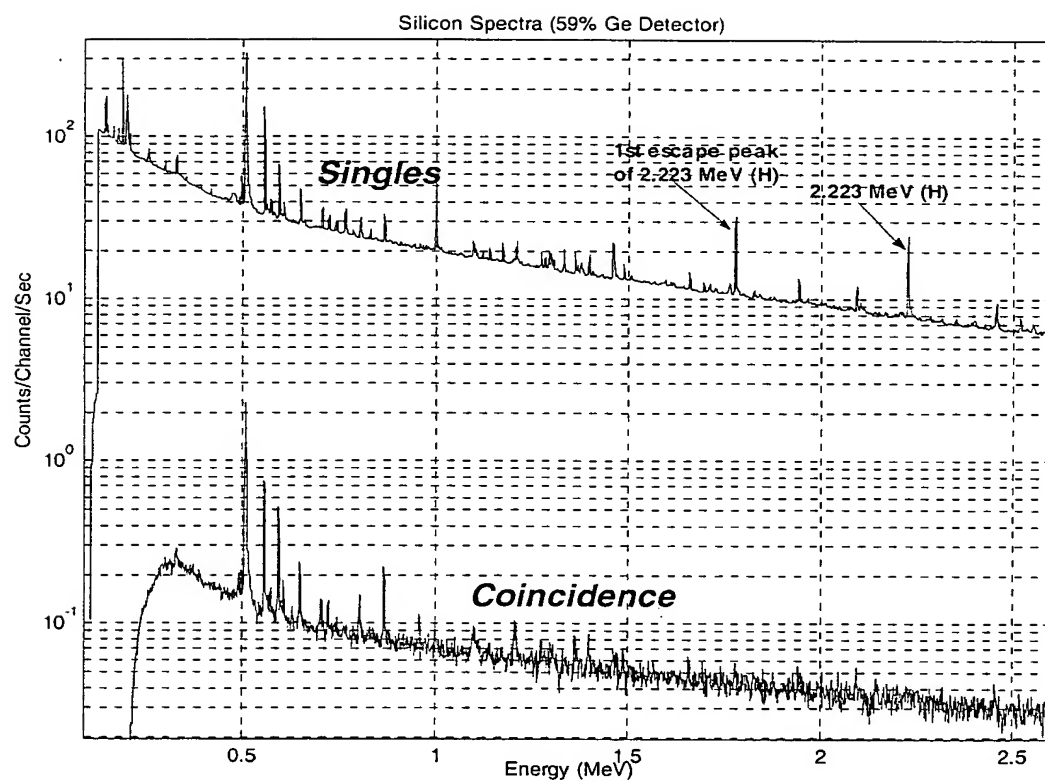


Fig. 4

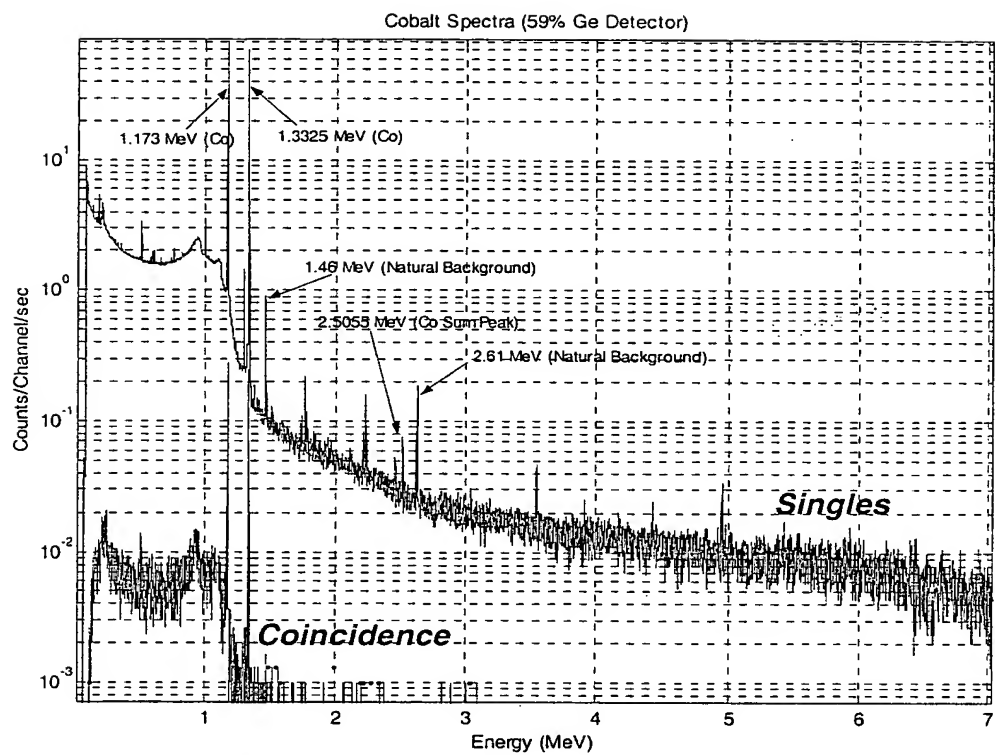


Fig. 5

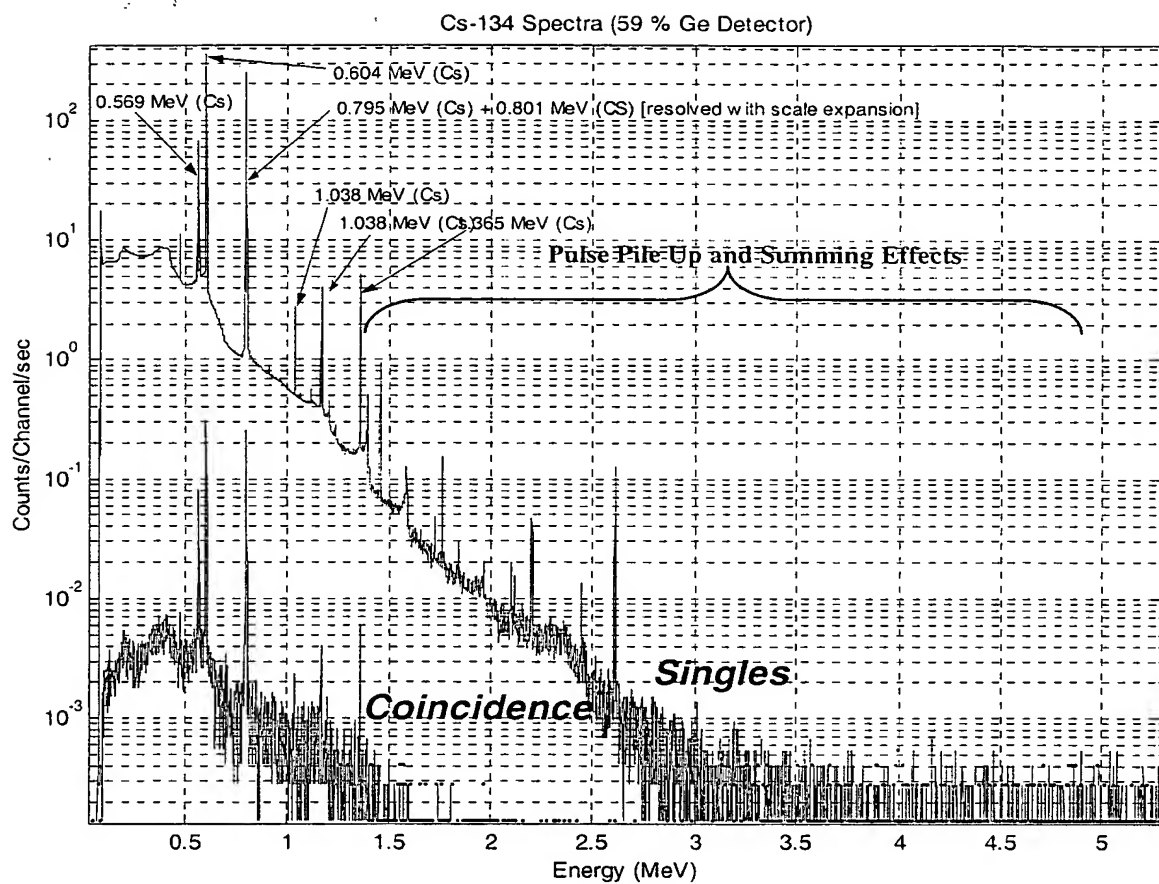


Fig. 6

Co-60 Coincidence Spectrum, April 27th-01

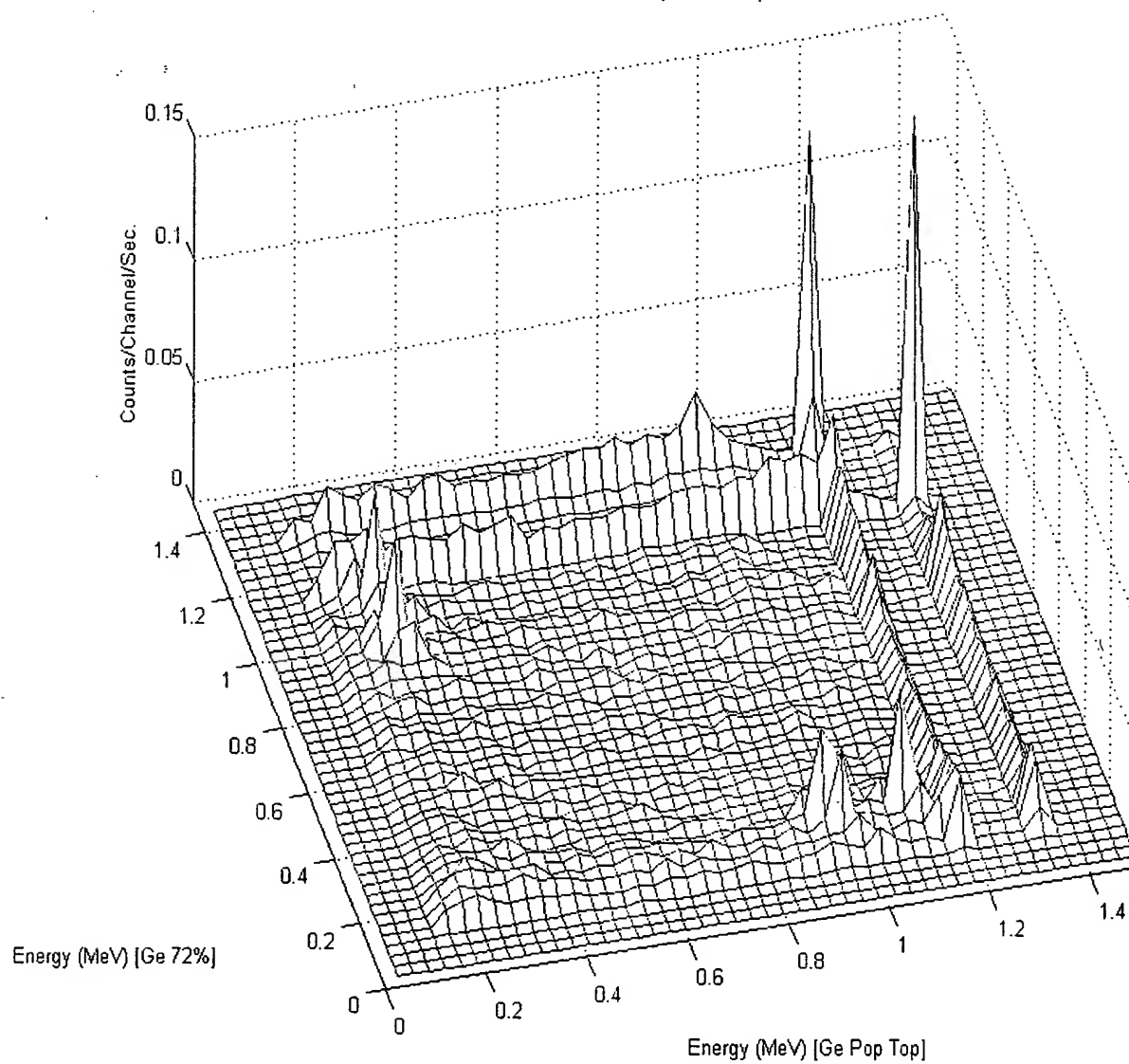


Fig. 7

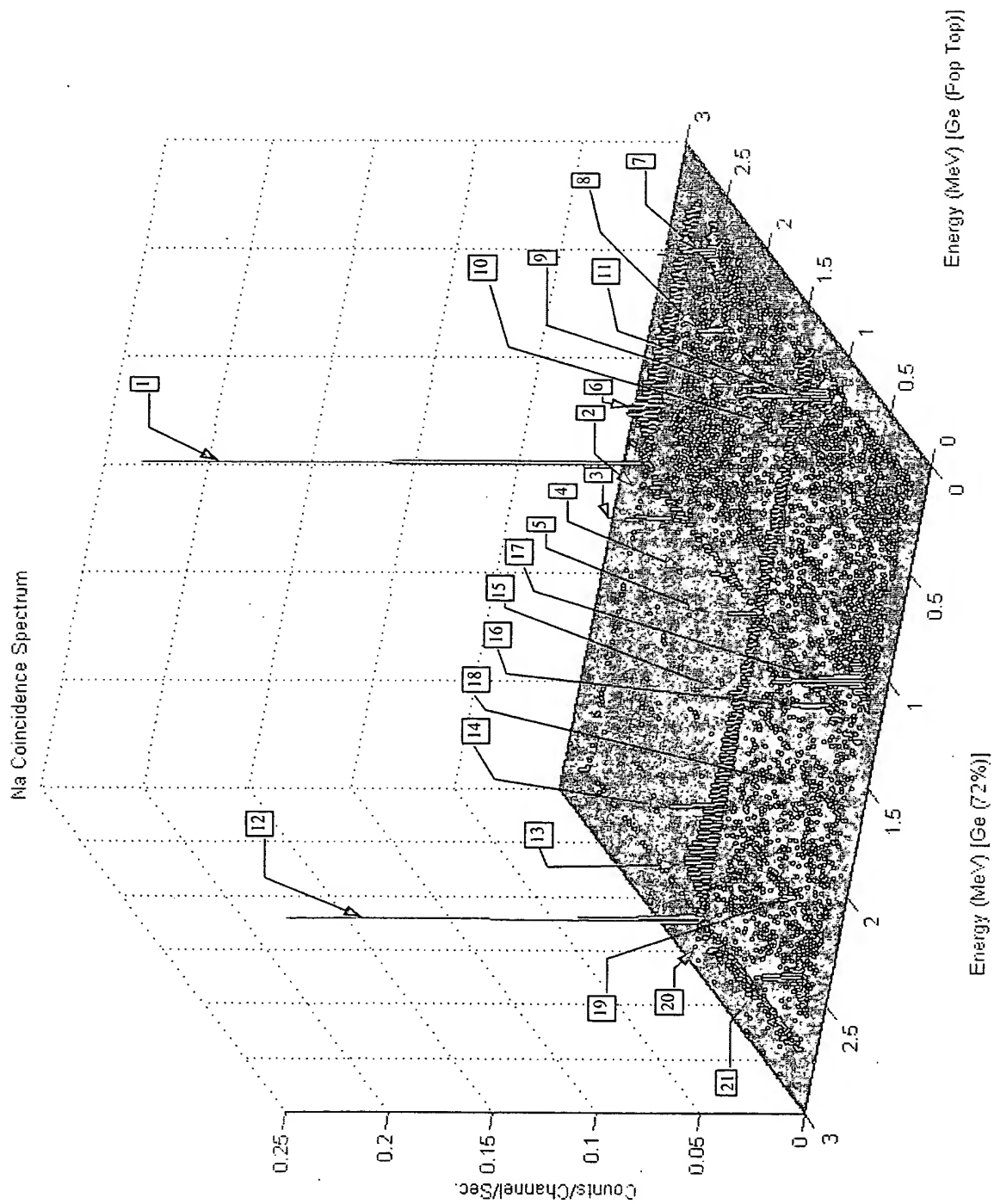


Fig. 8

Two Dimensional (Flat) Plot of the NaI Detector Counts

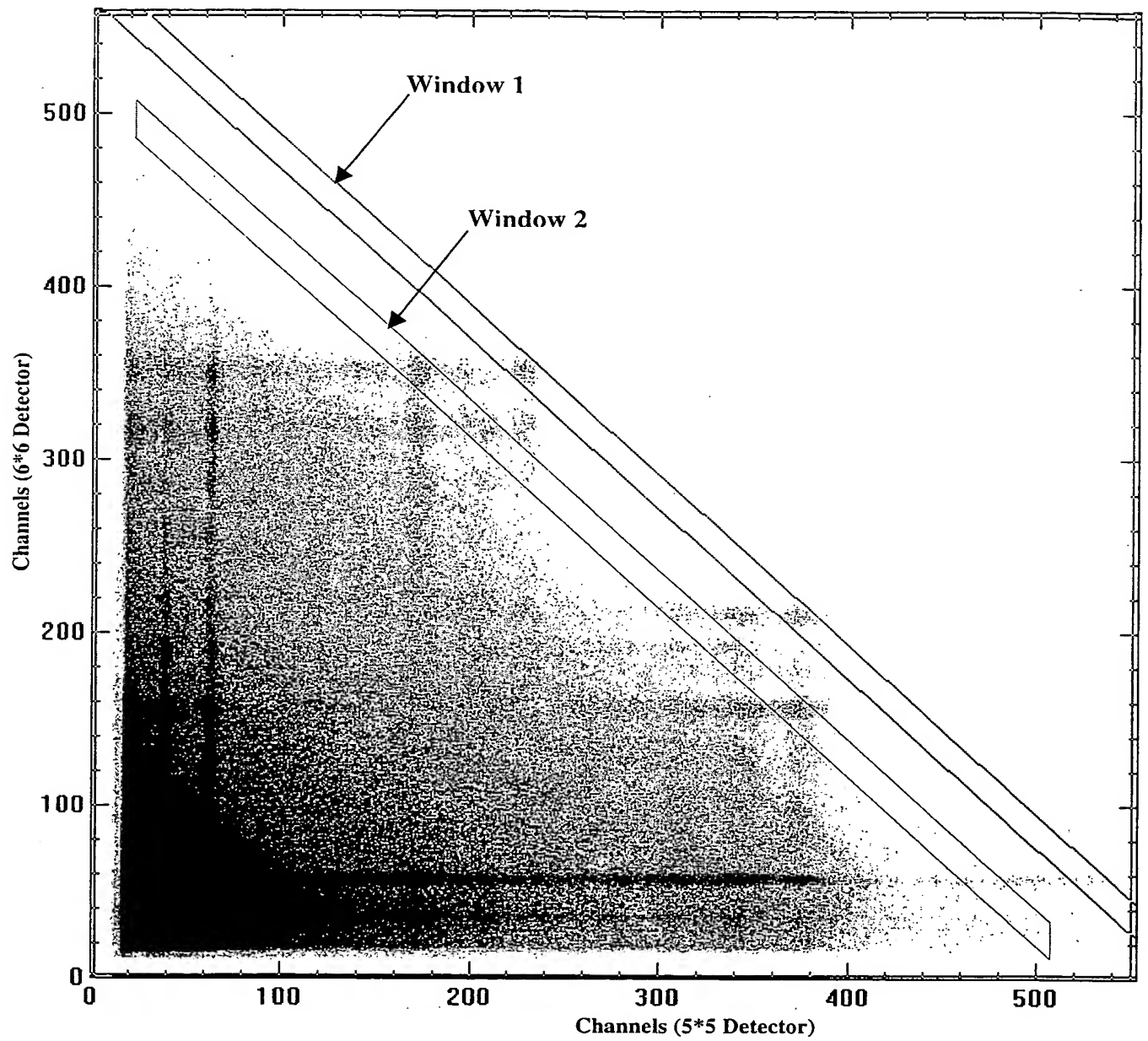


Fig. 9

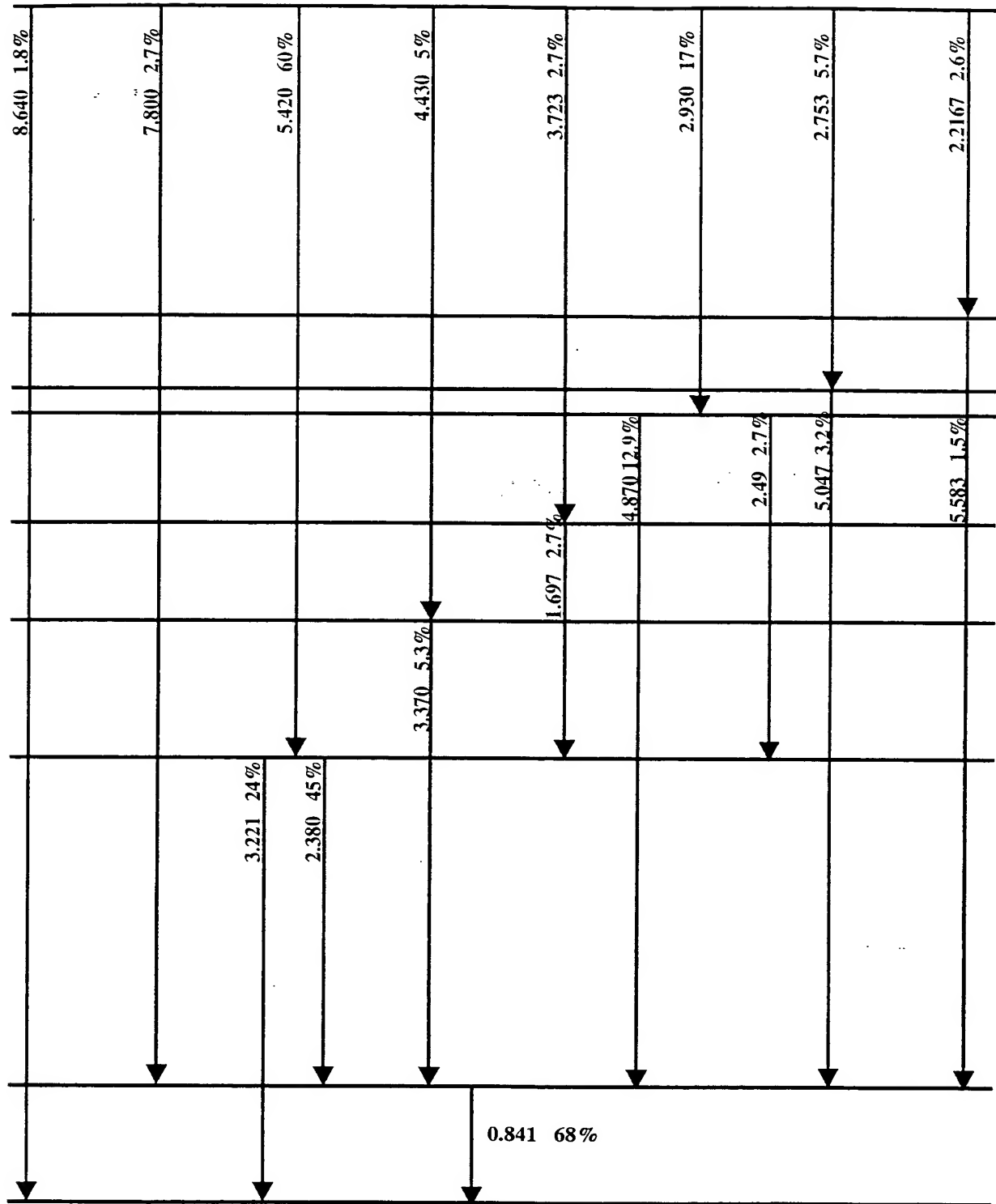


Fig. 10

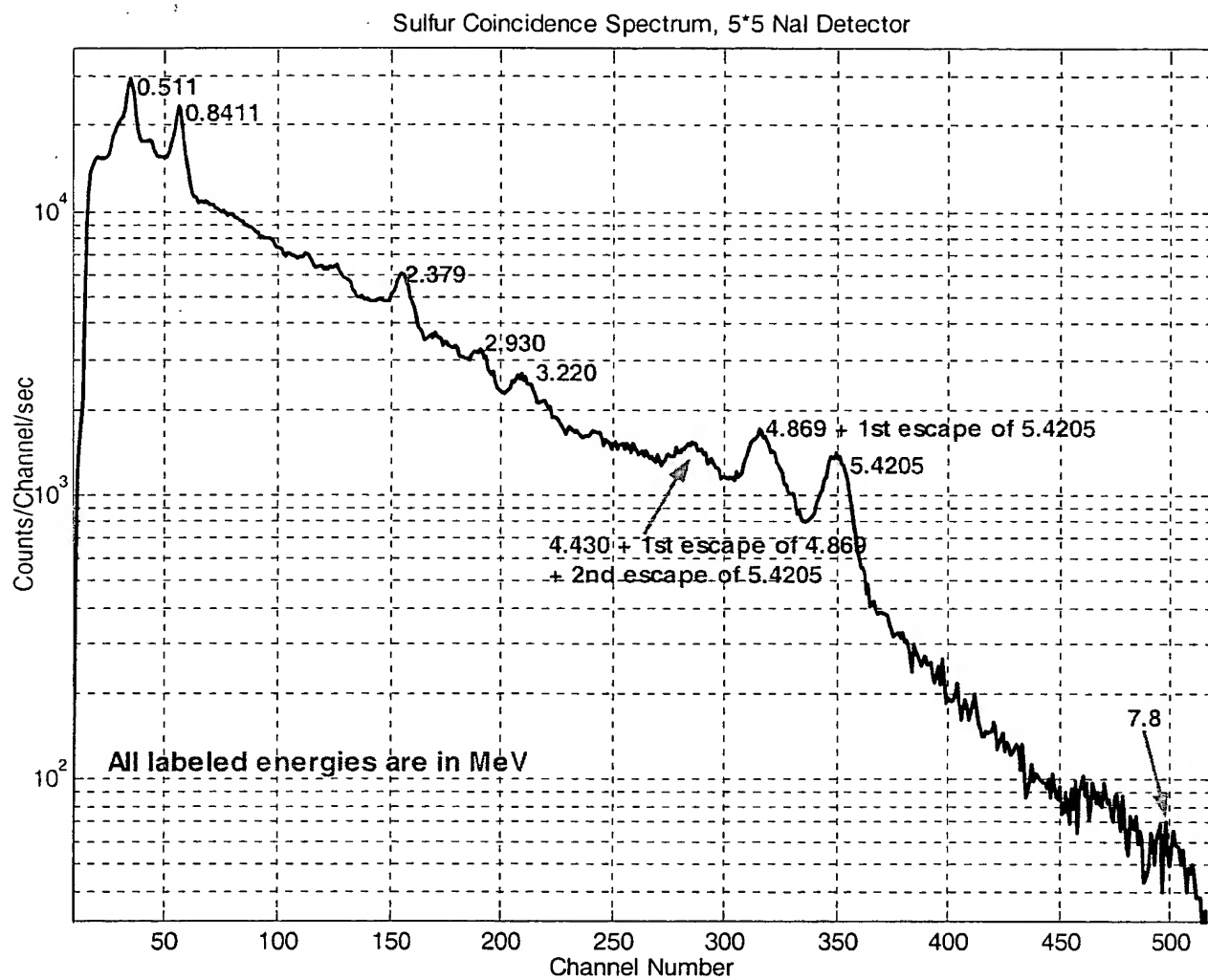


Fig. 11

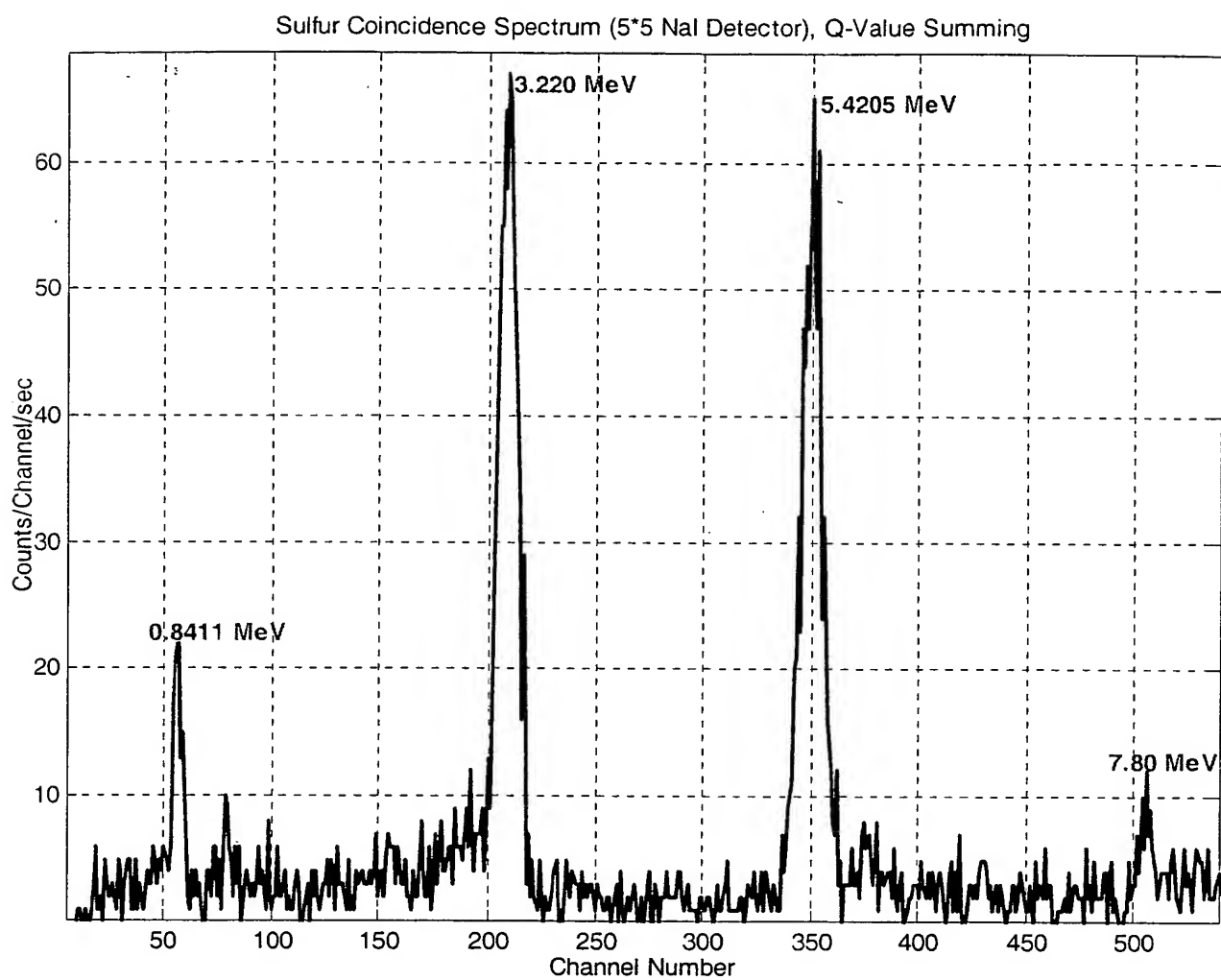


Fig. 12

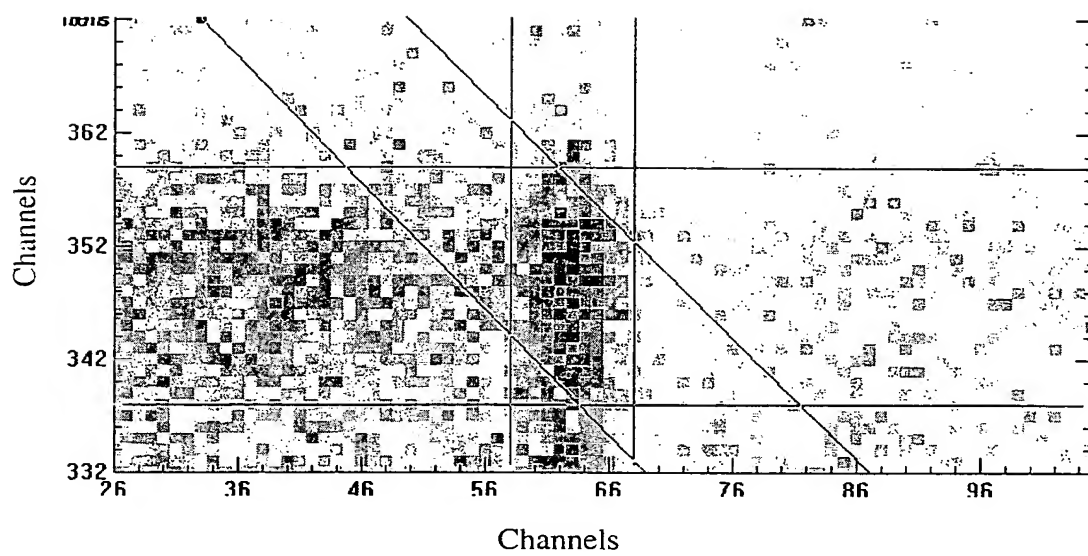


Fig. 13

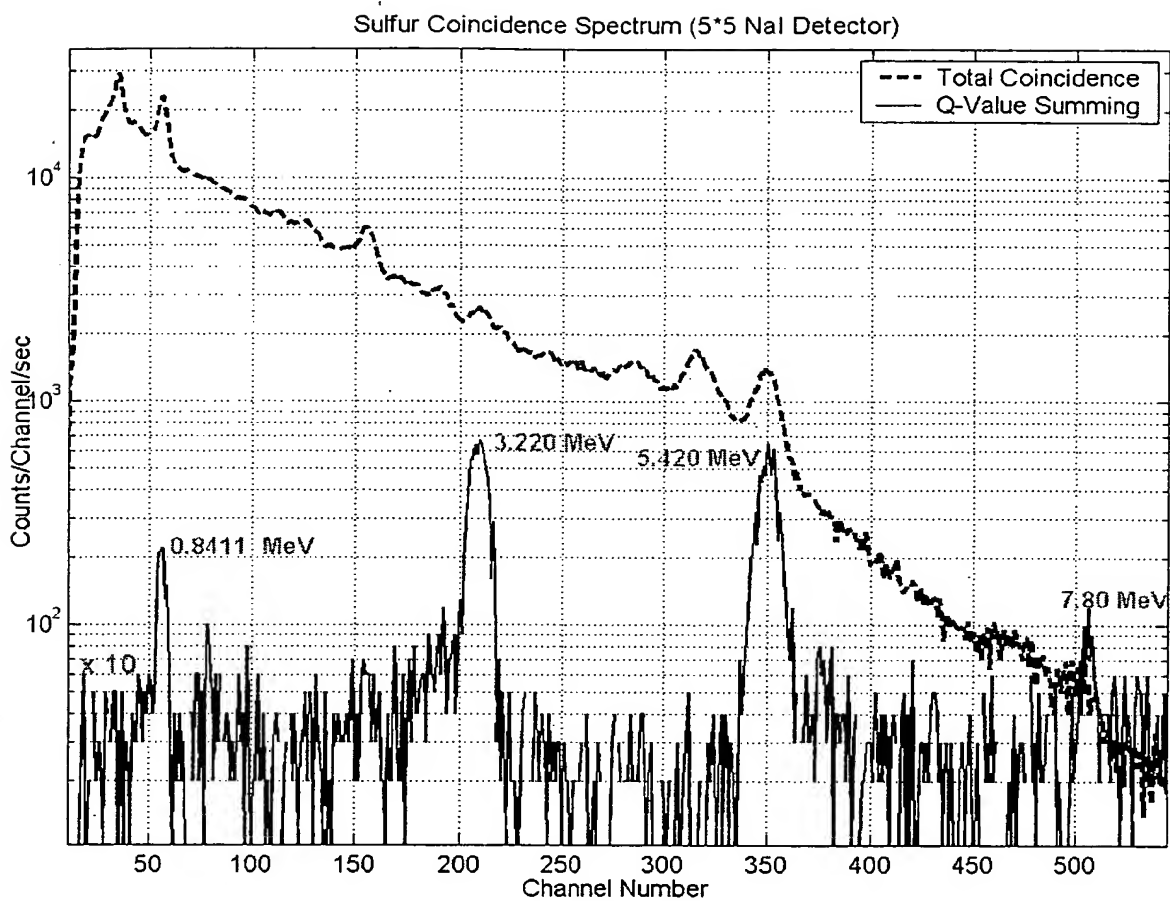


Fig. 14

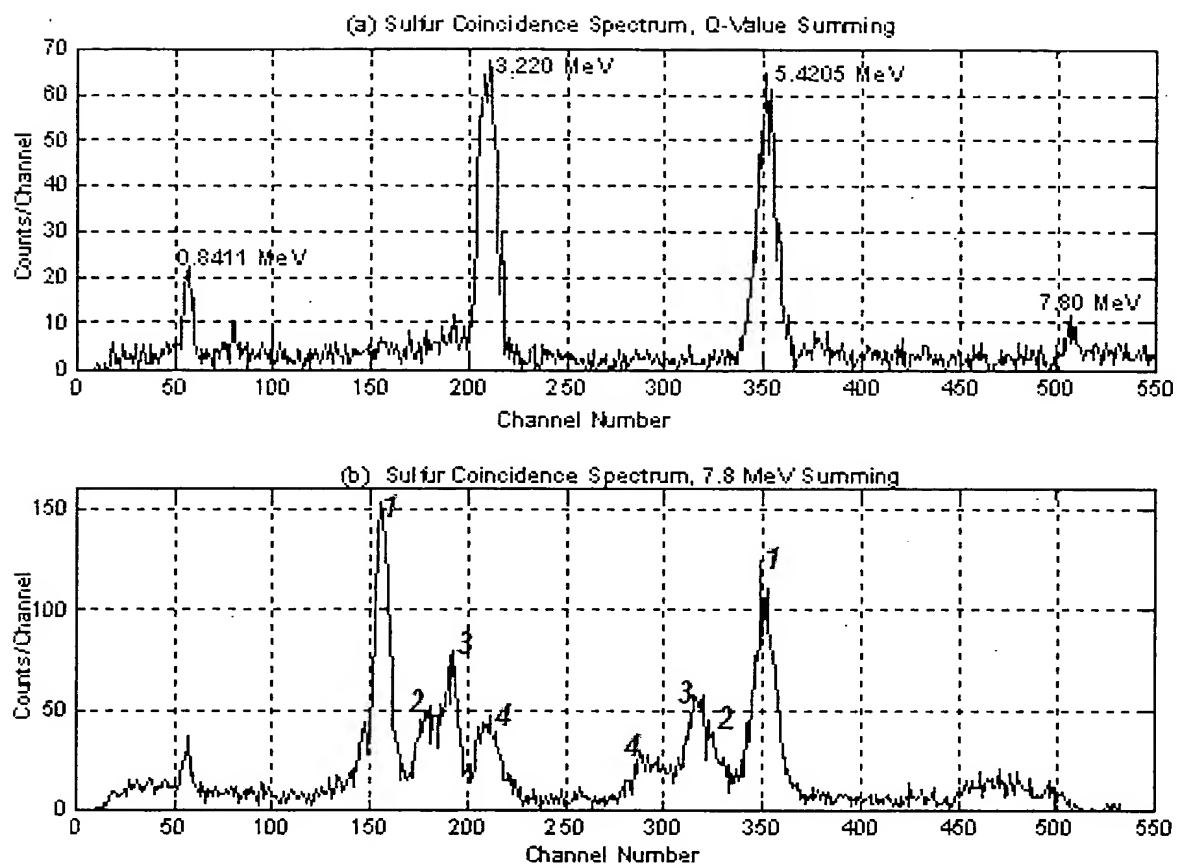


Fig. 15

Two Dimensional (Flat) Plot of the NaI Detector Counts, Mercury Sample

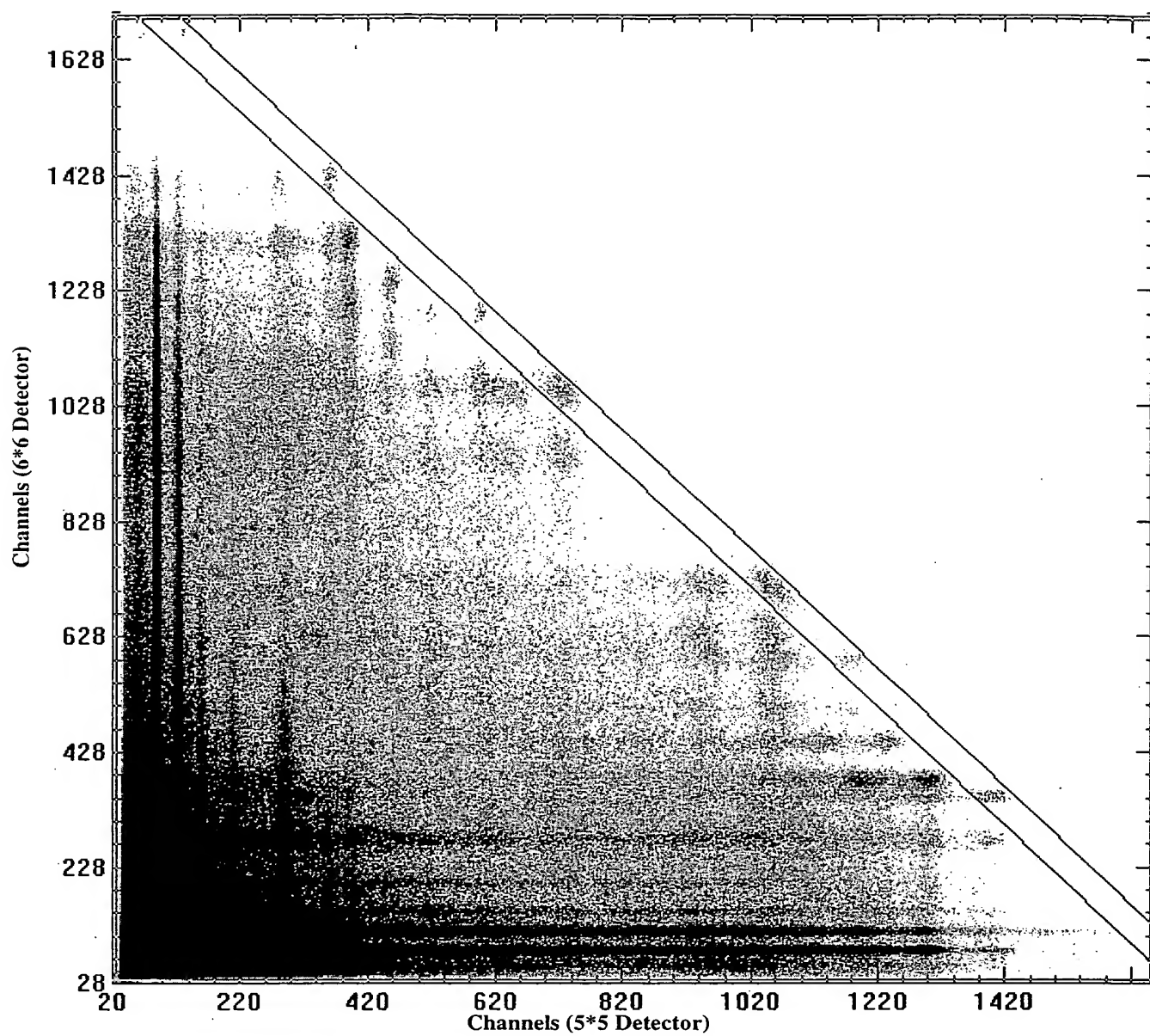


Fig. 16

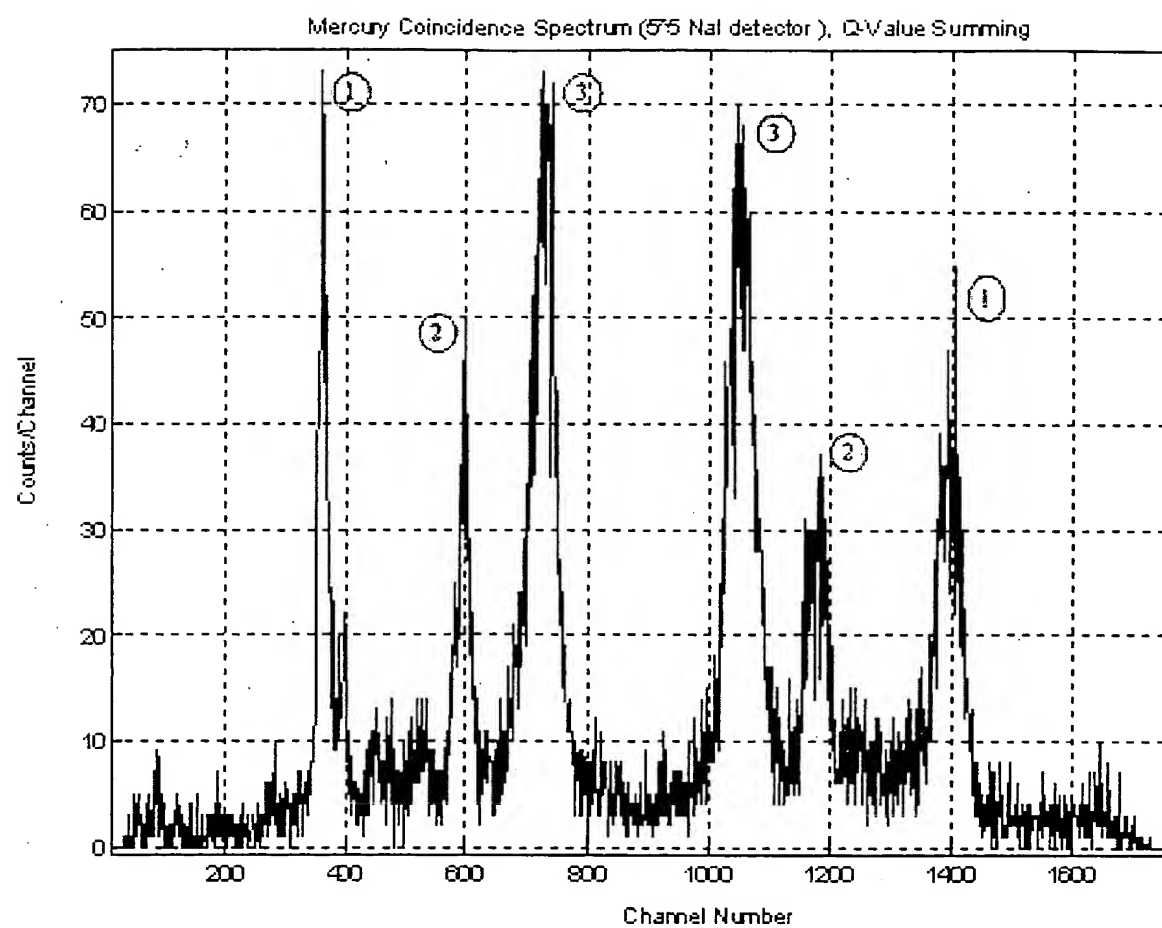


Fig. 17

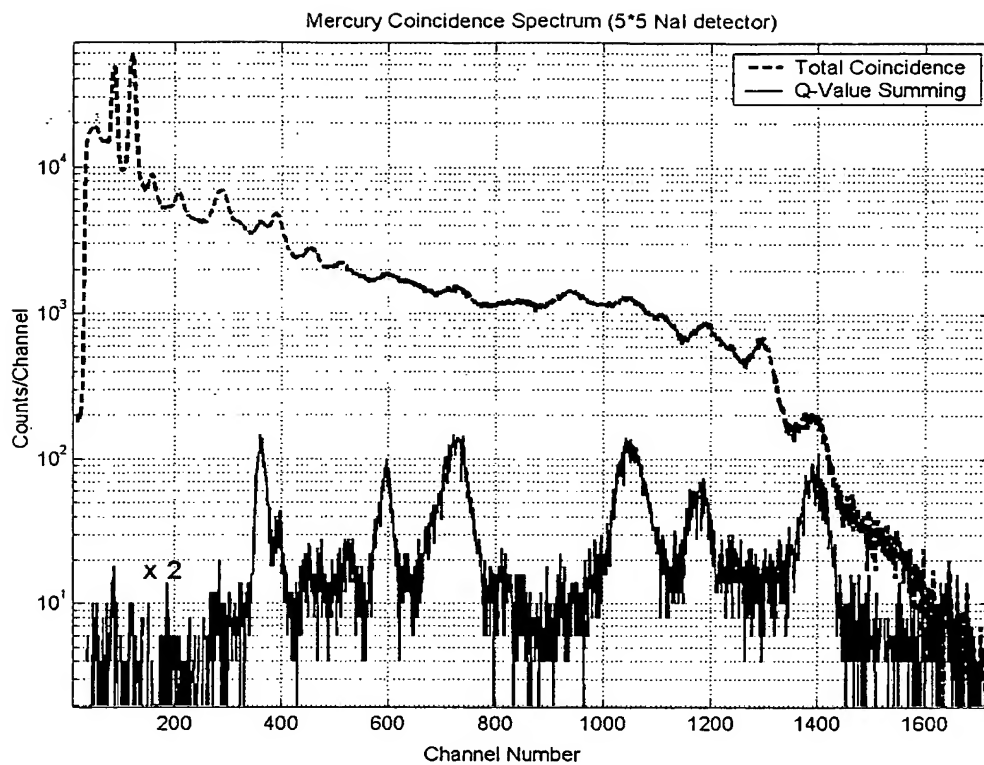


Fig. 18

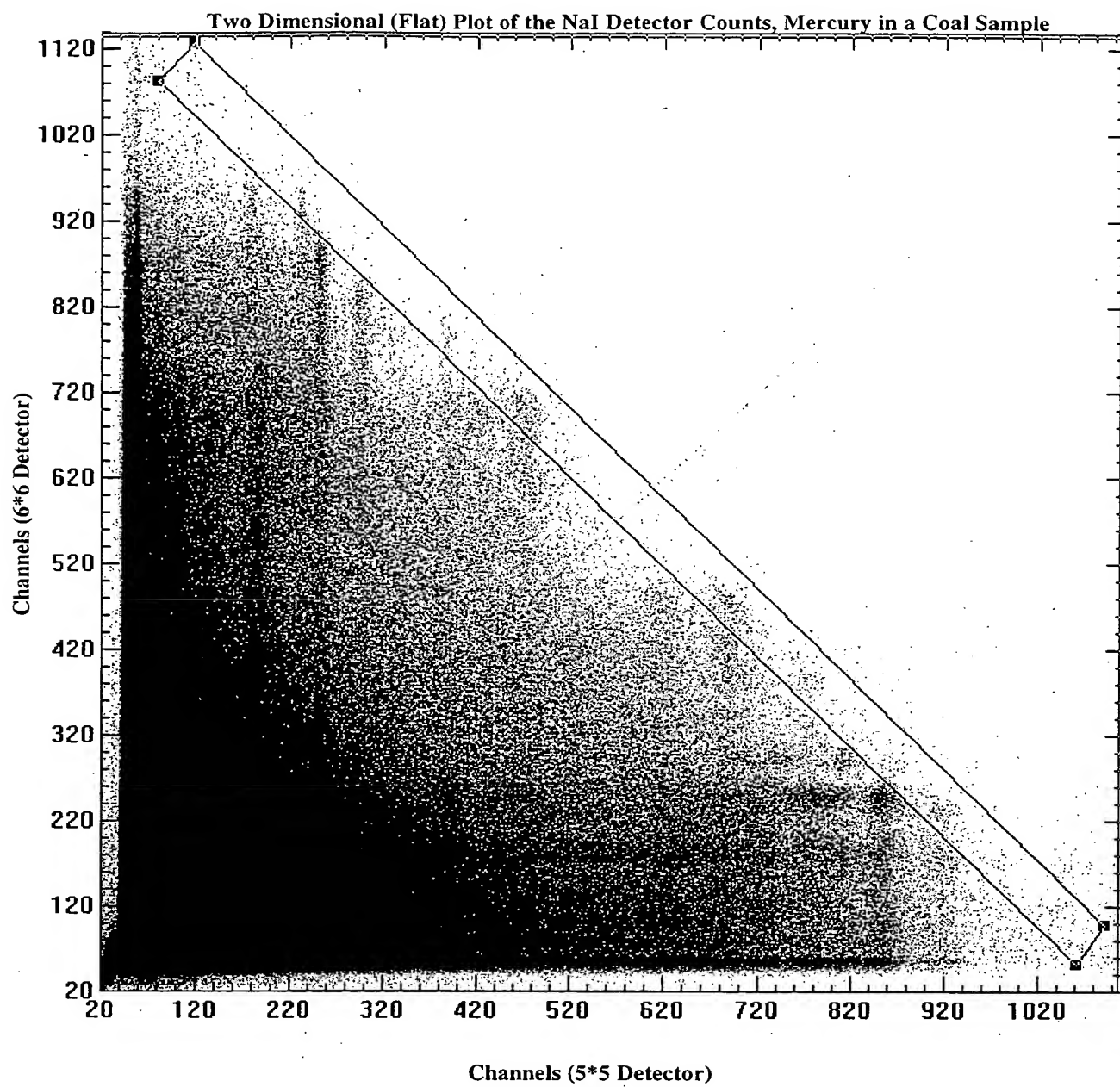


Fig. 19

Q-Value Diagonal Smming for Mercury in a Coal Sample

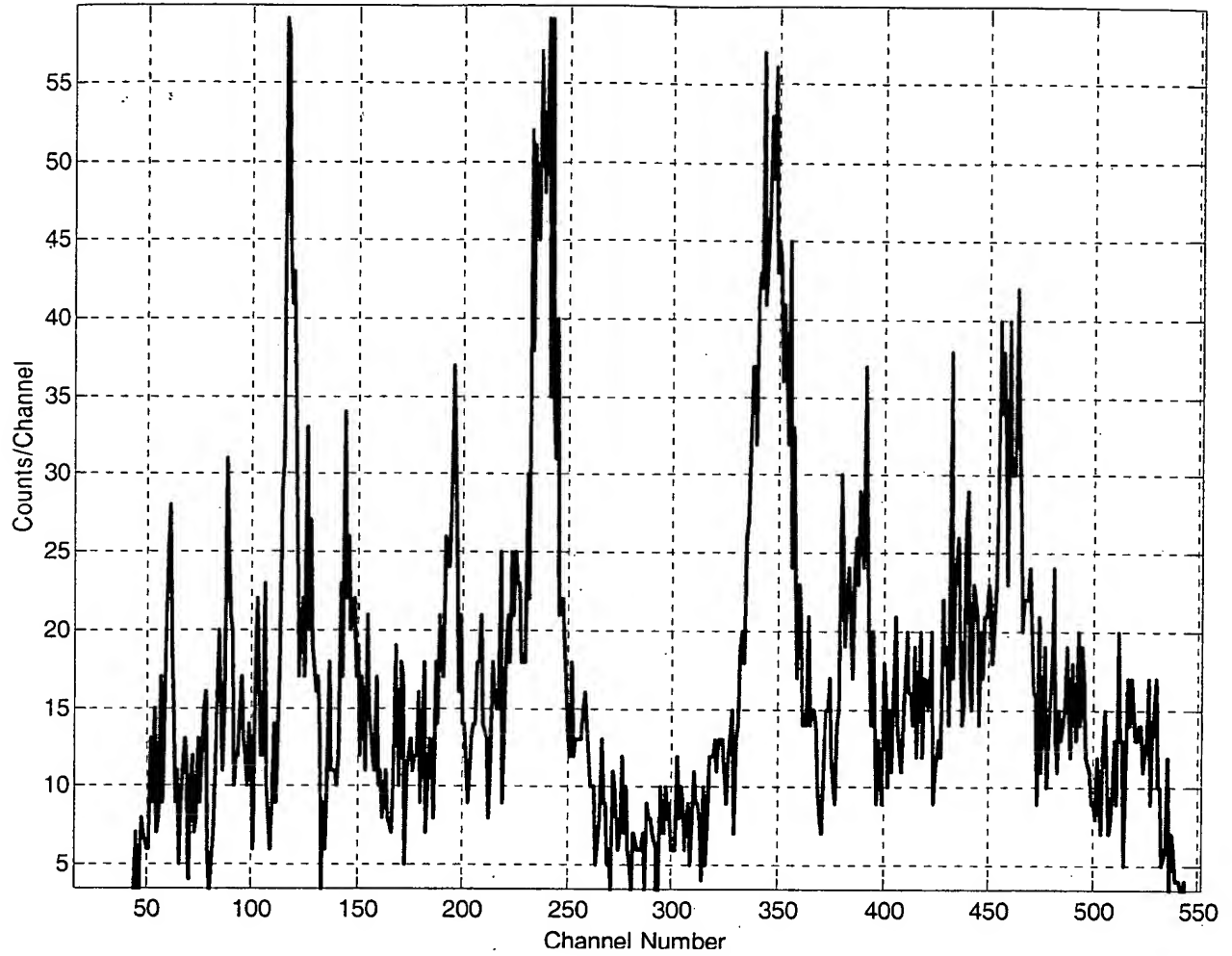


Fig. 20

Two Dimensional (Flat) Plot of the NaI Detector Counts

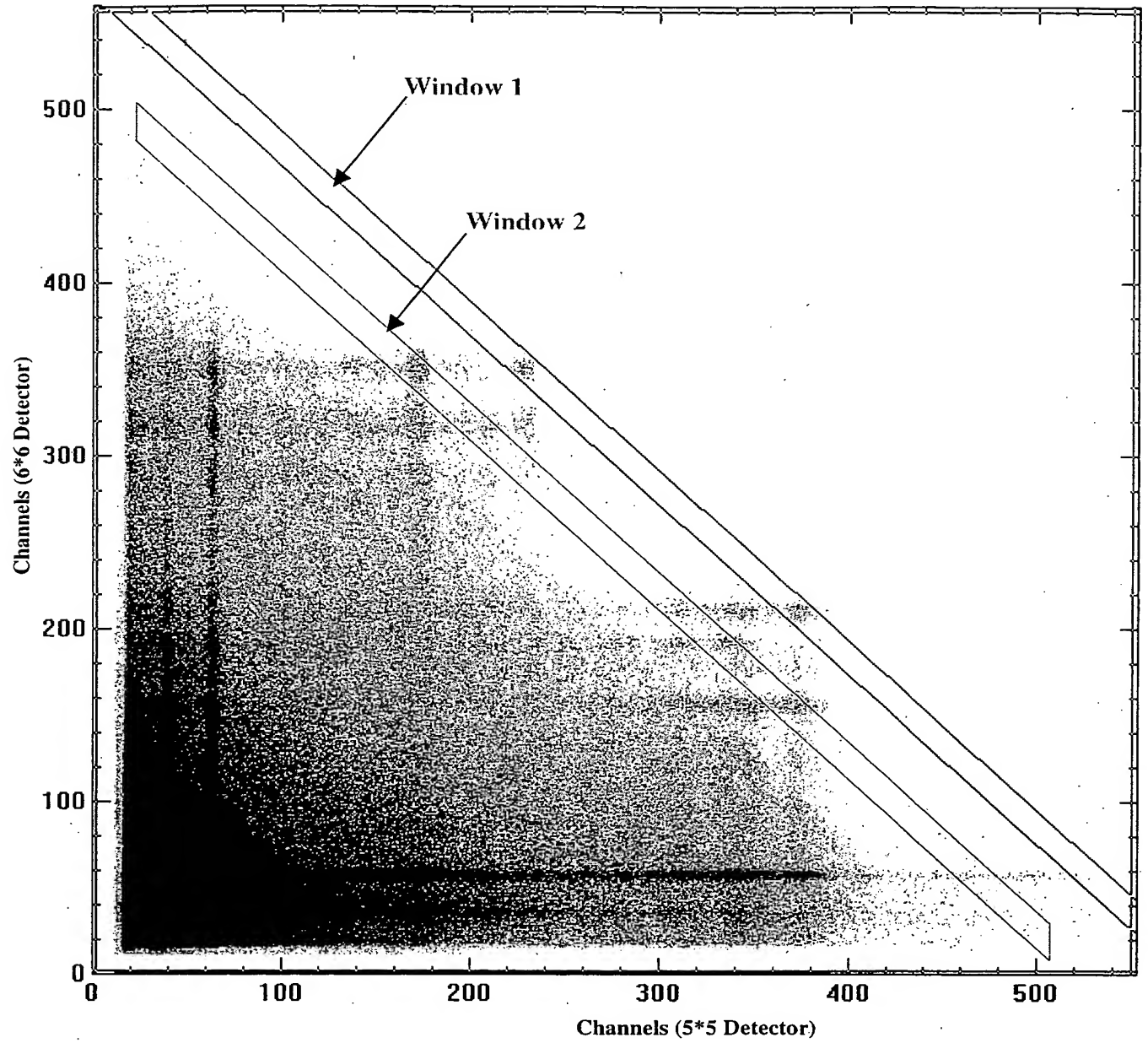


Fig. 21

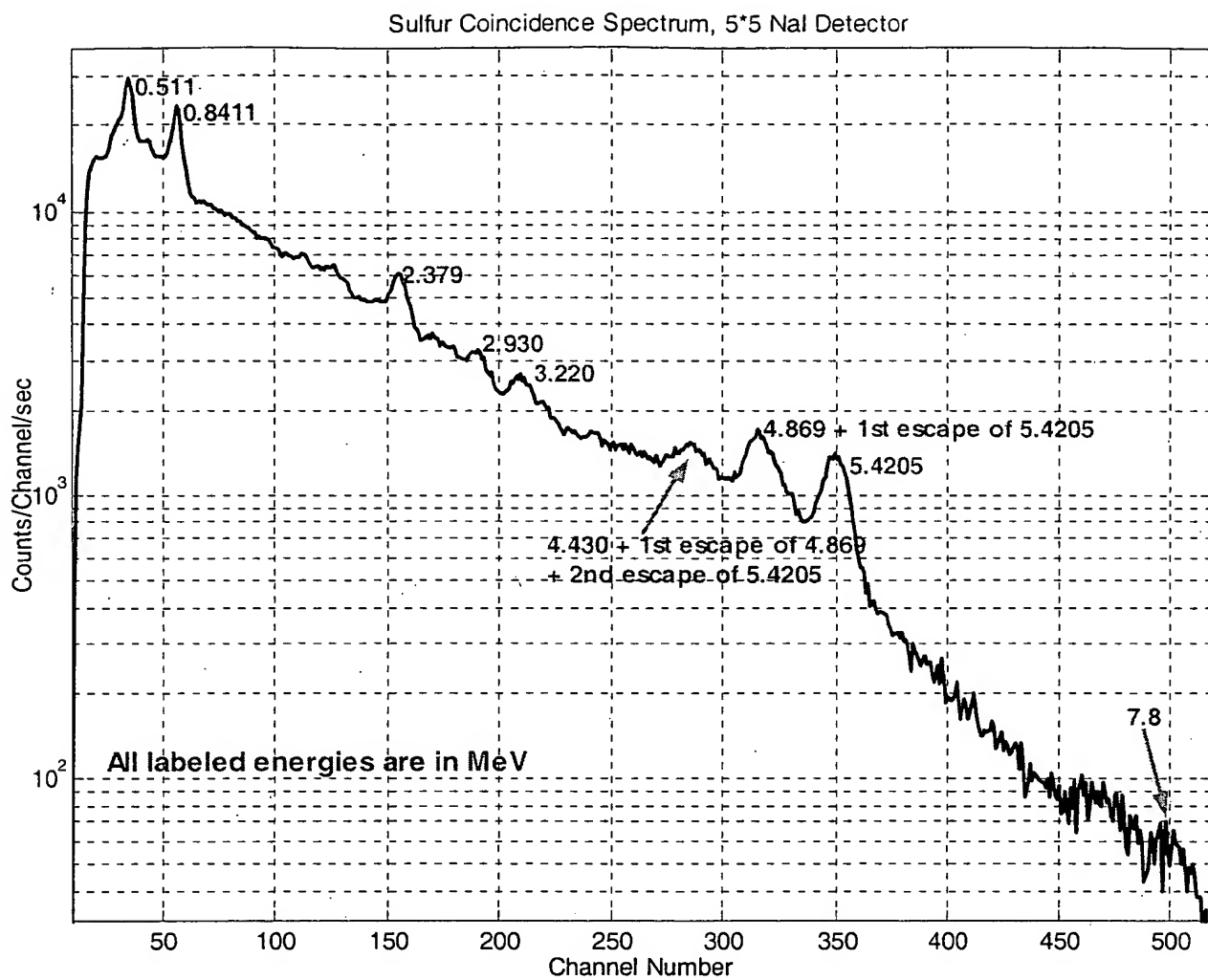


Fig. 22

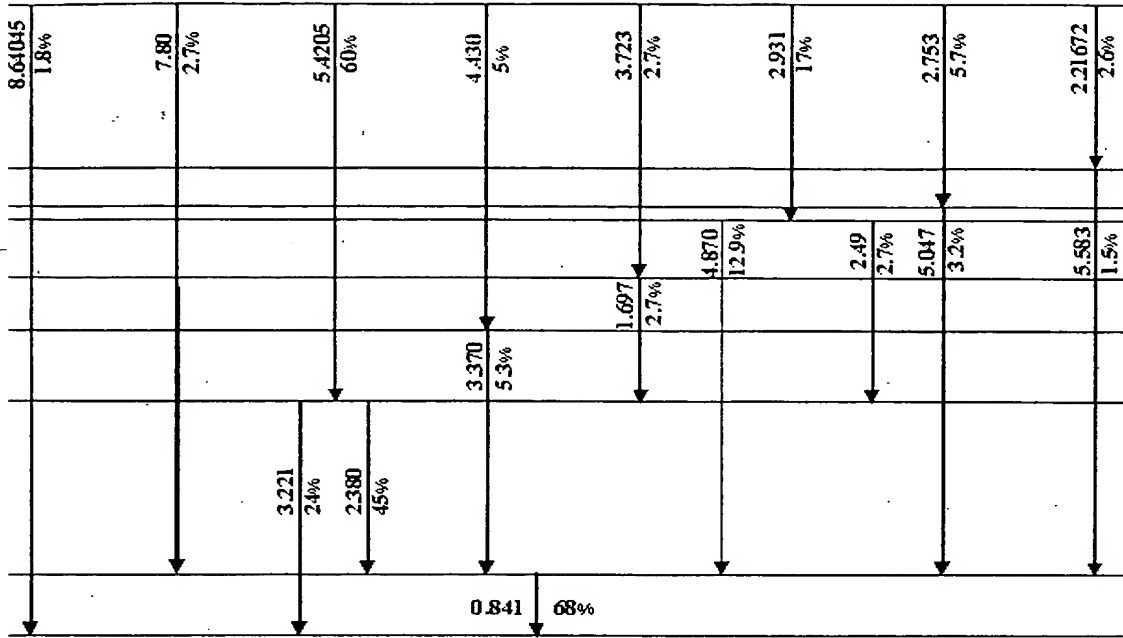


Fig. 23

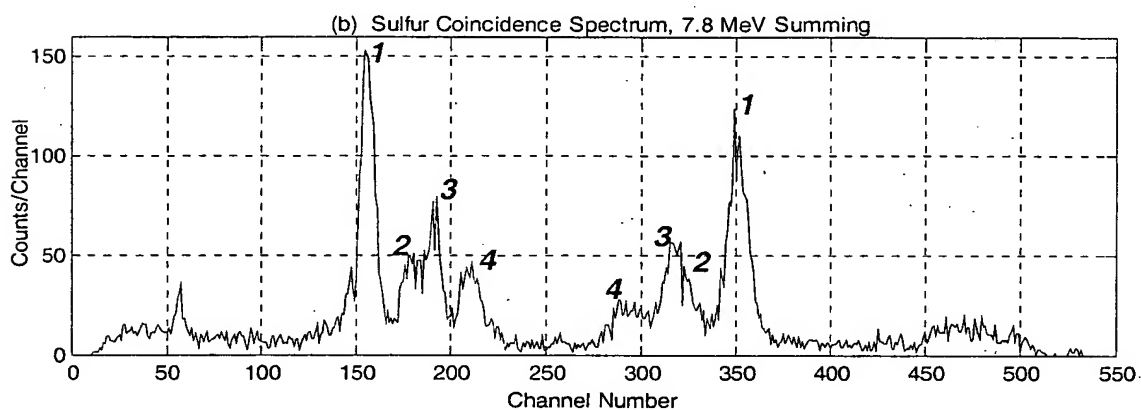
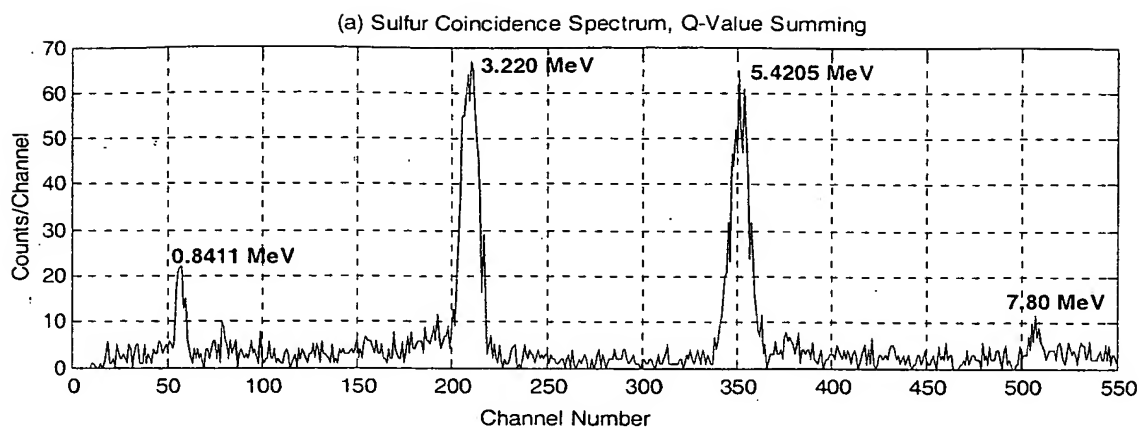


Fig. 24

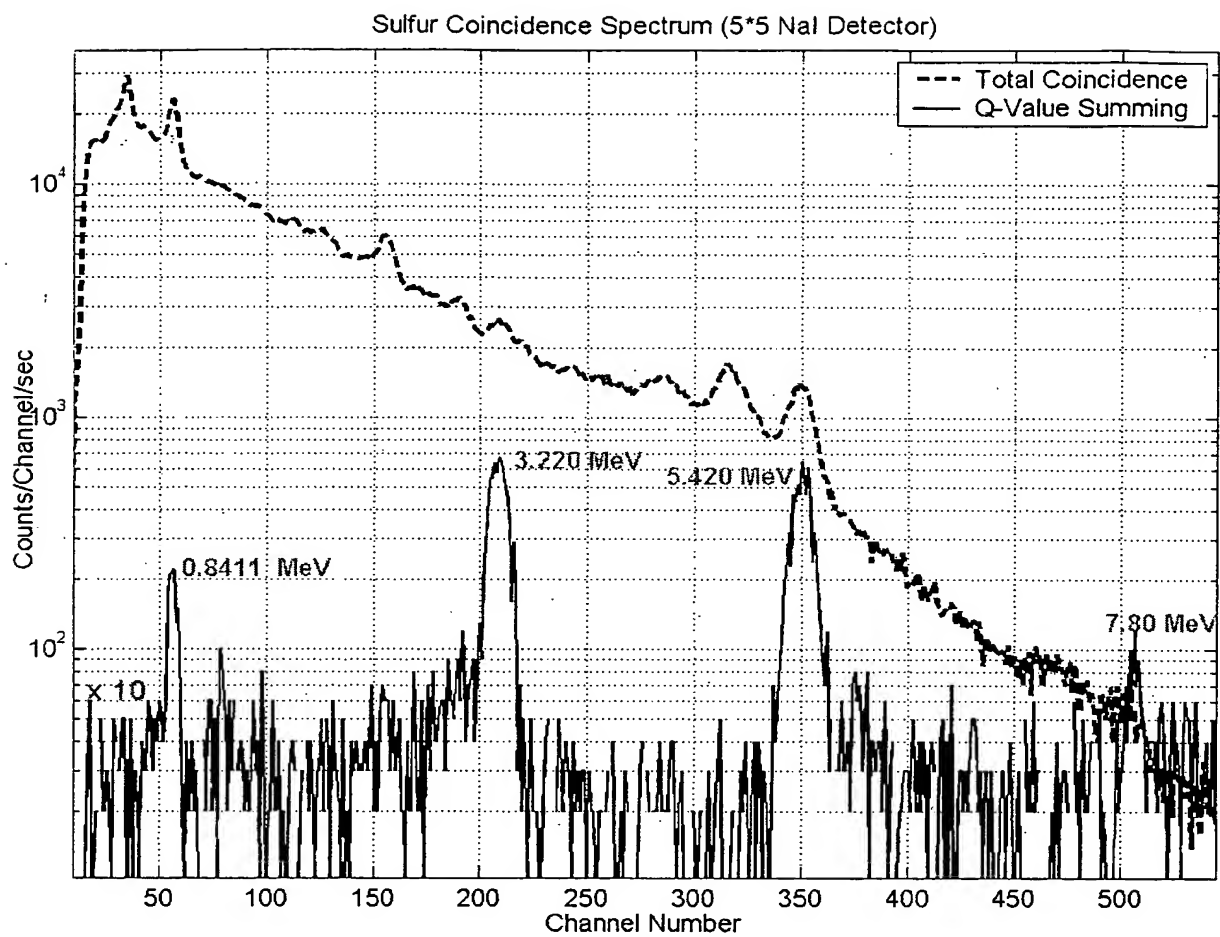


Fig. 25

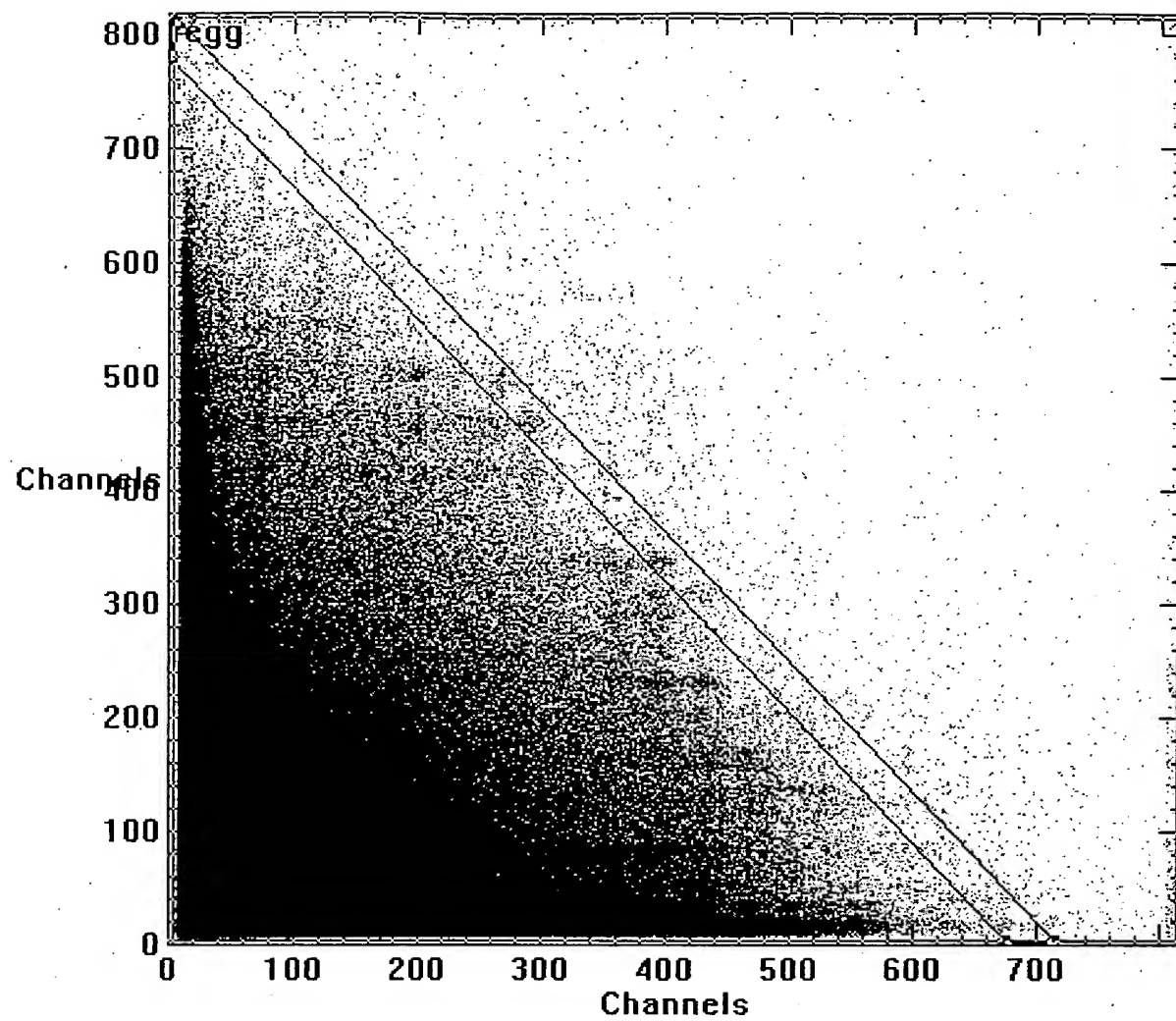


Fig. 26

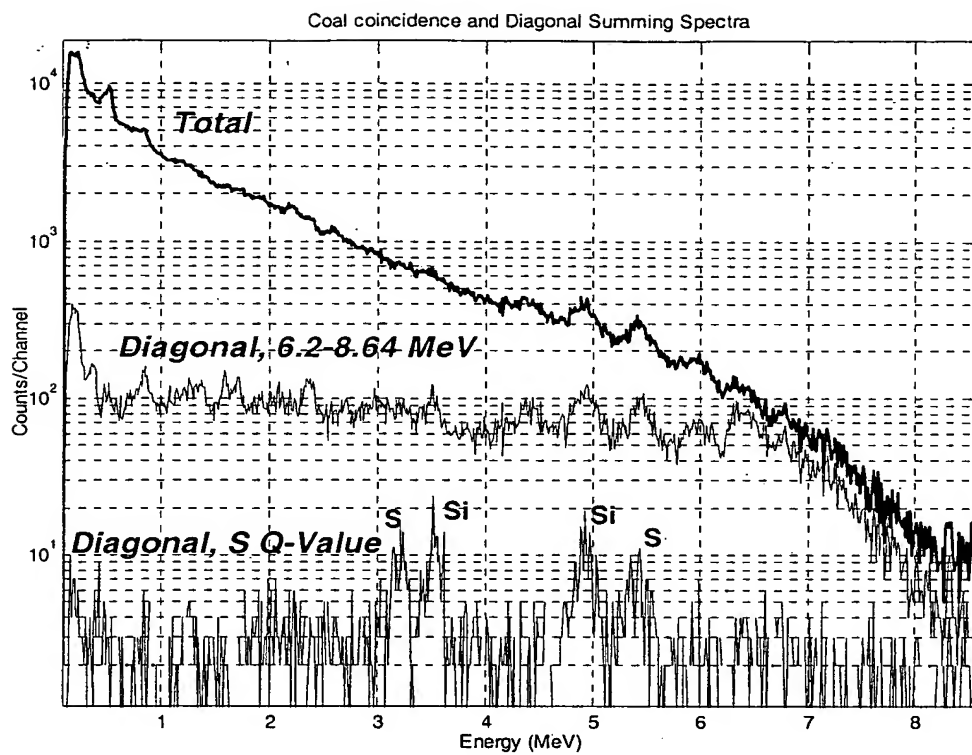


Fig. 27

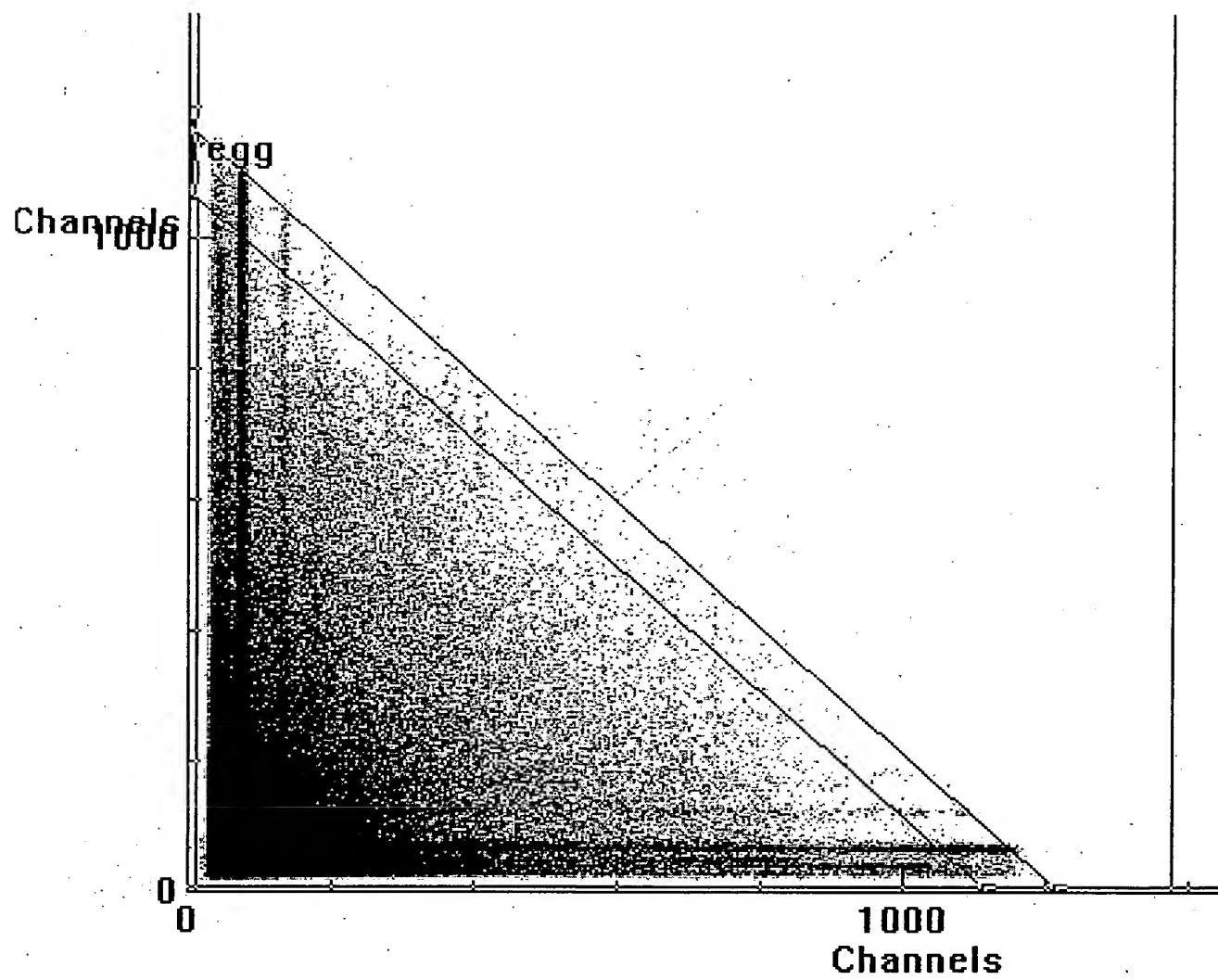


Fig. 28

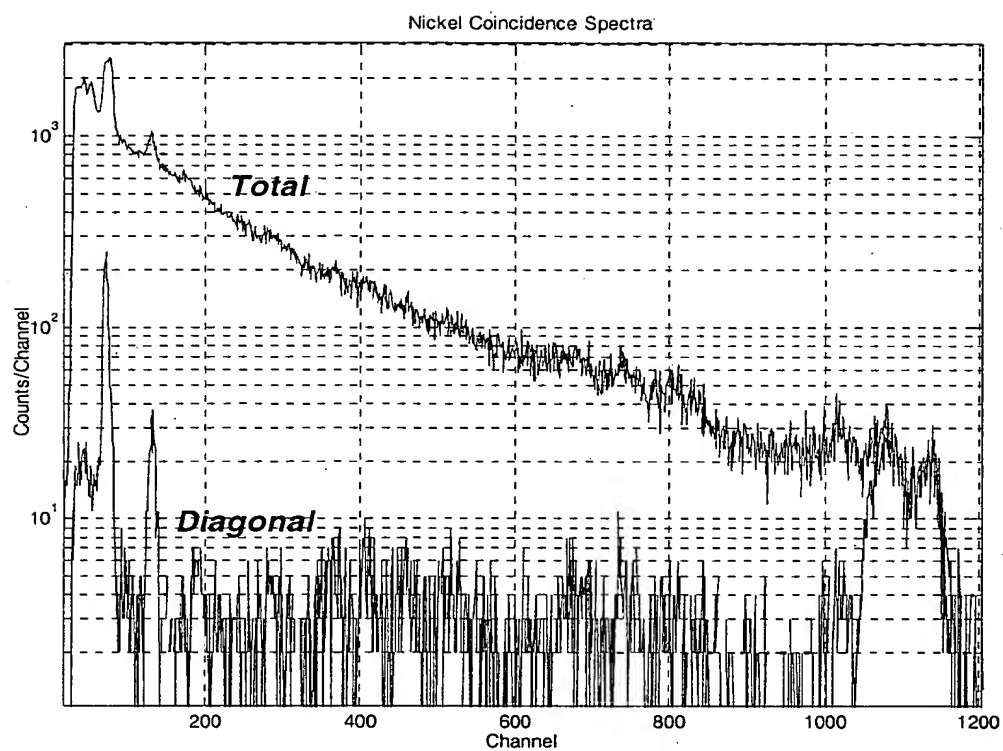


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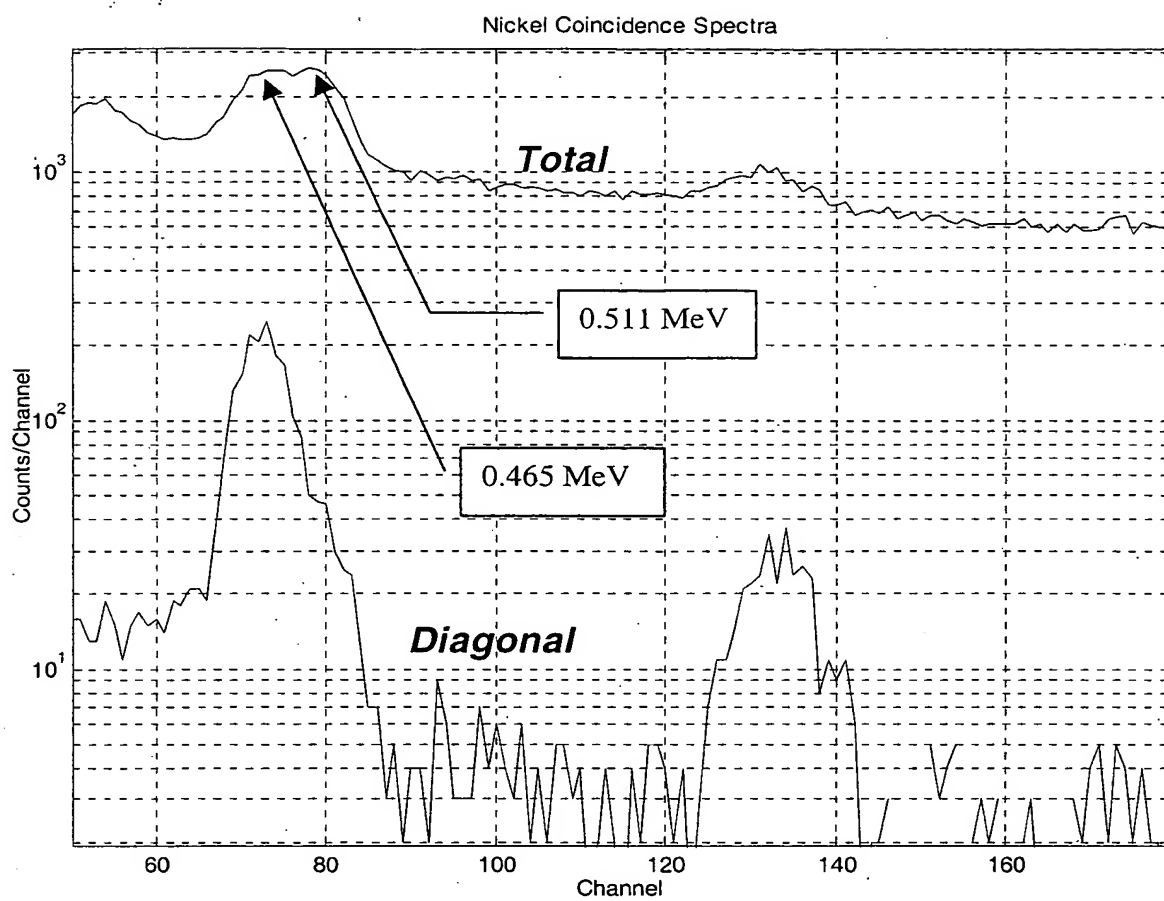


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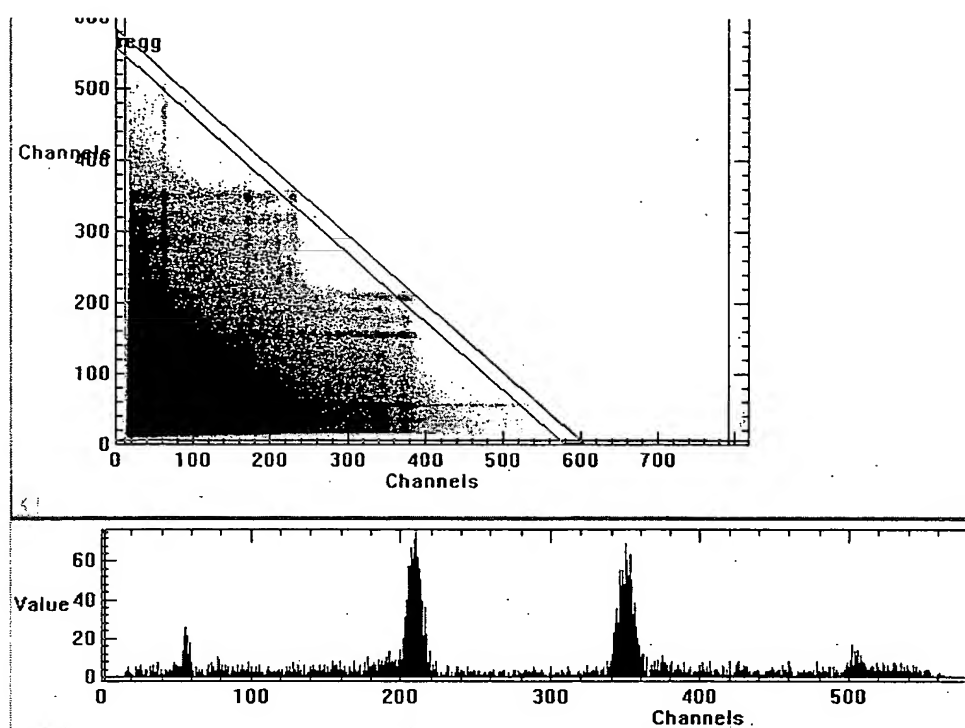


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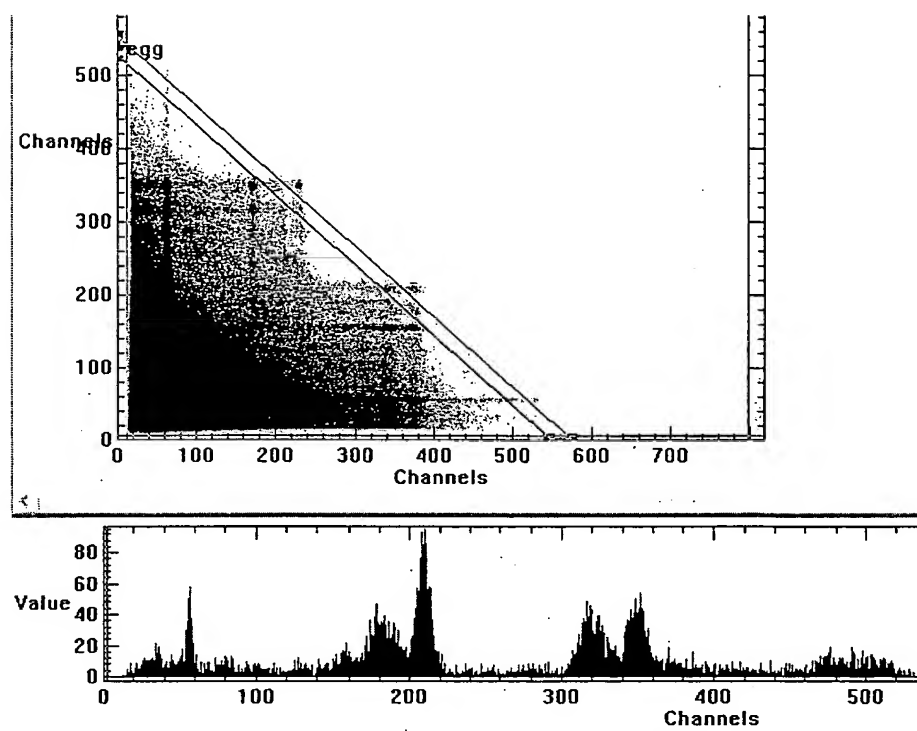


Fig. 32

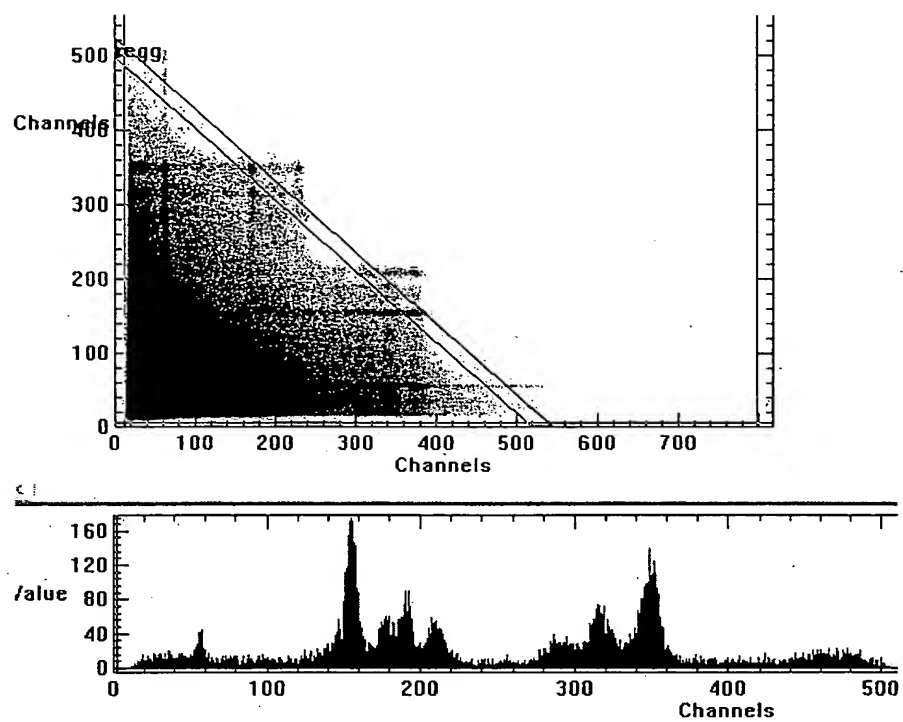


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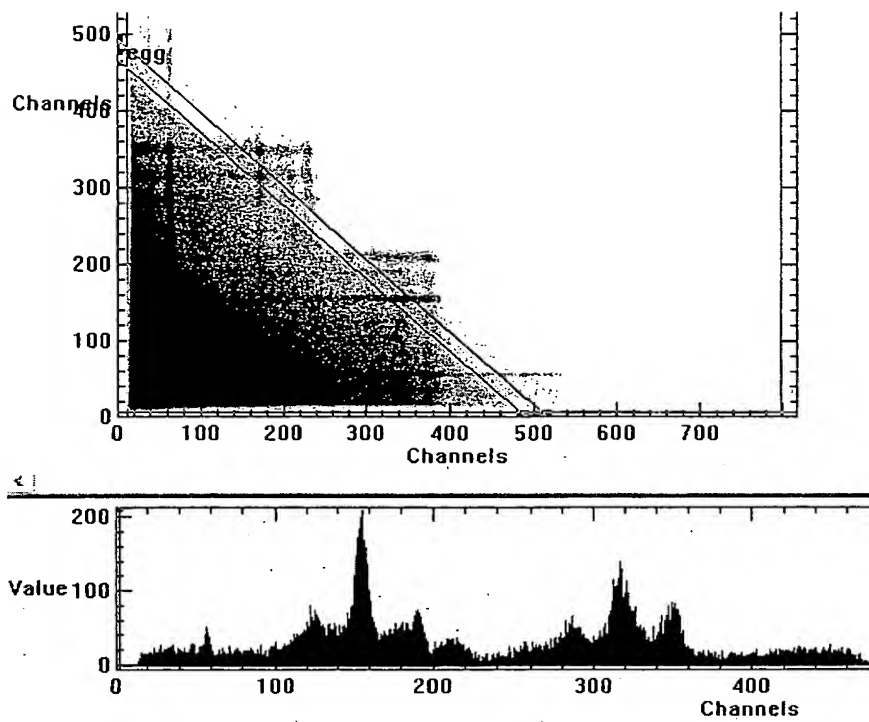


Fig. 34

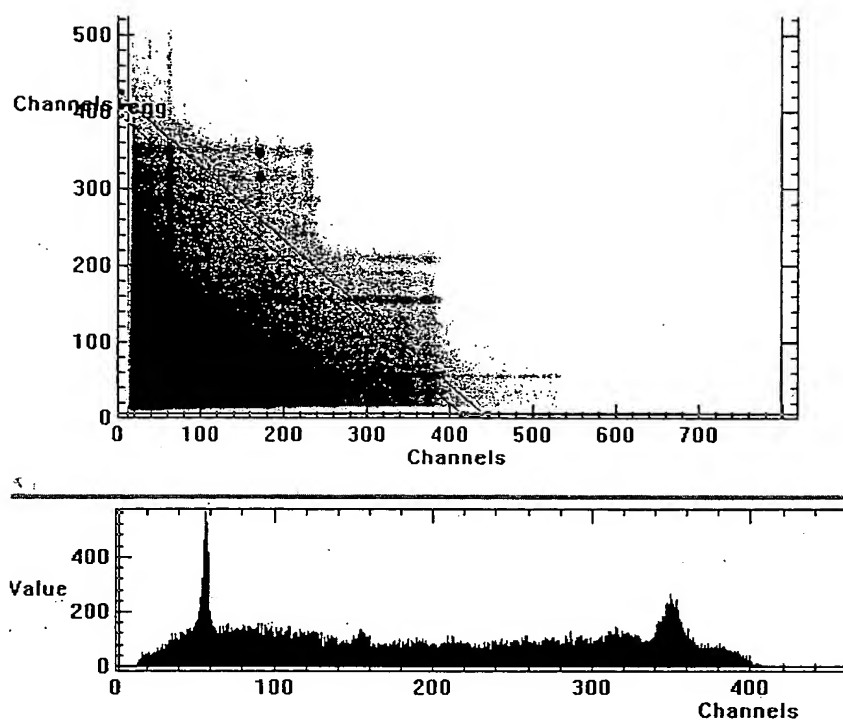


Fig. 35

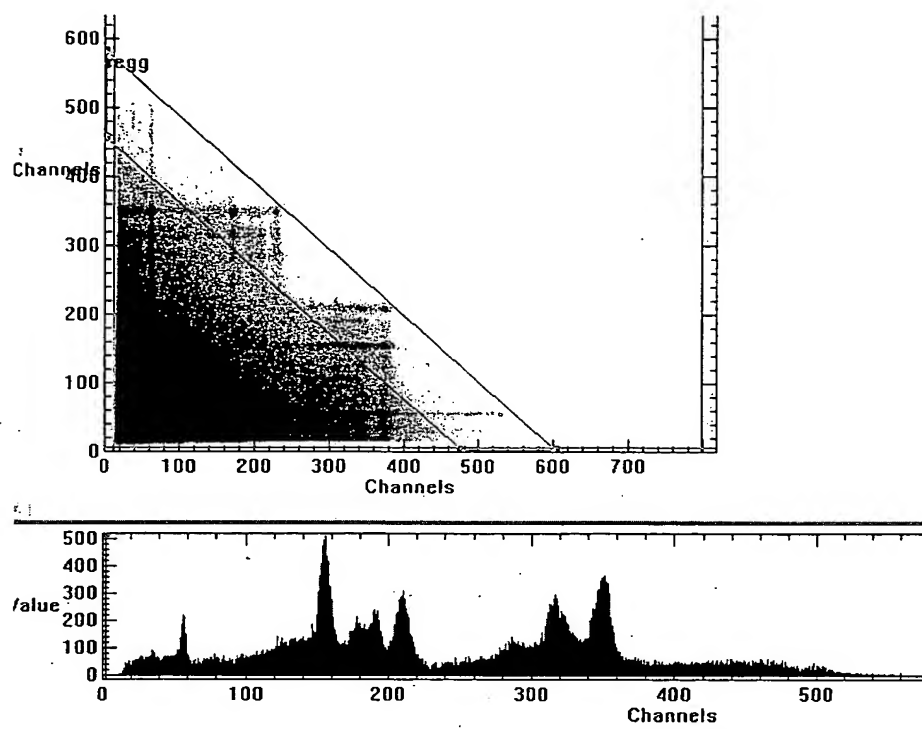


Fig. 36

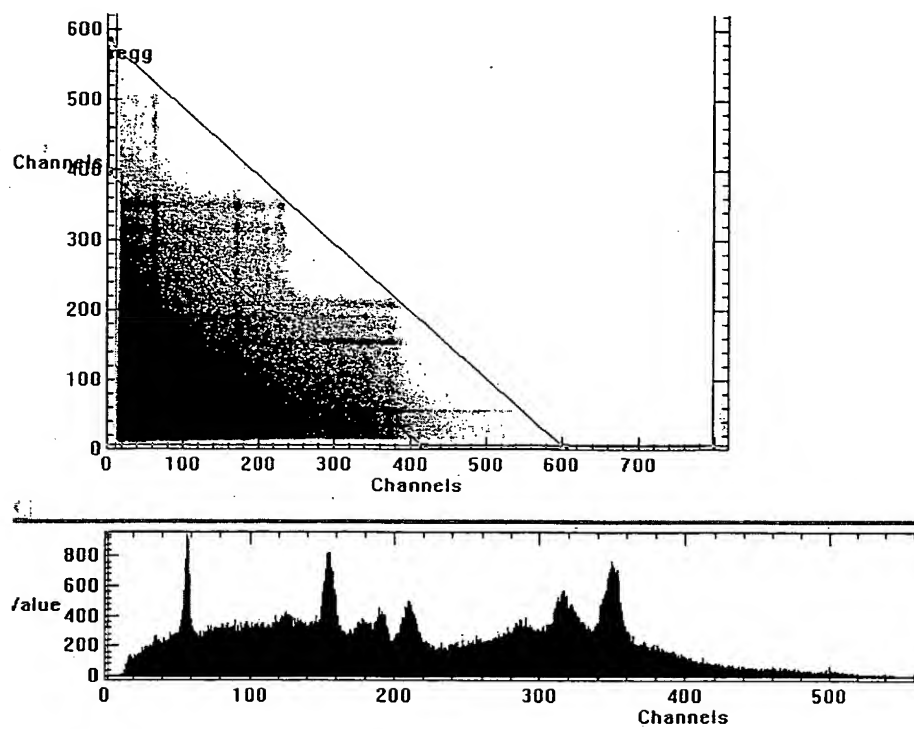


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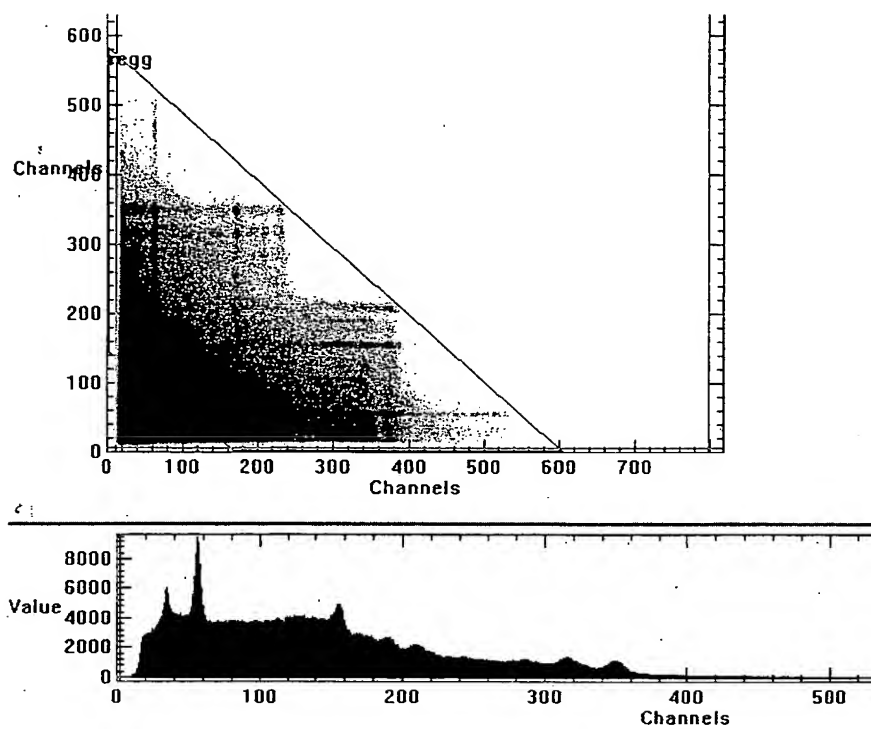


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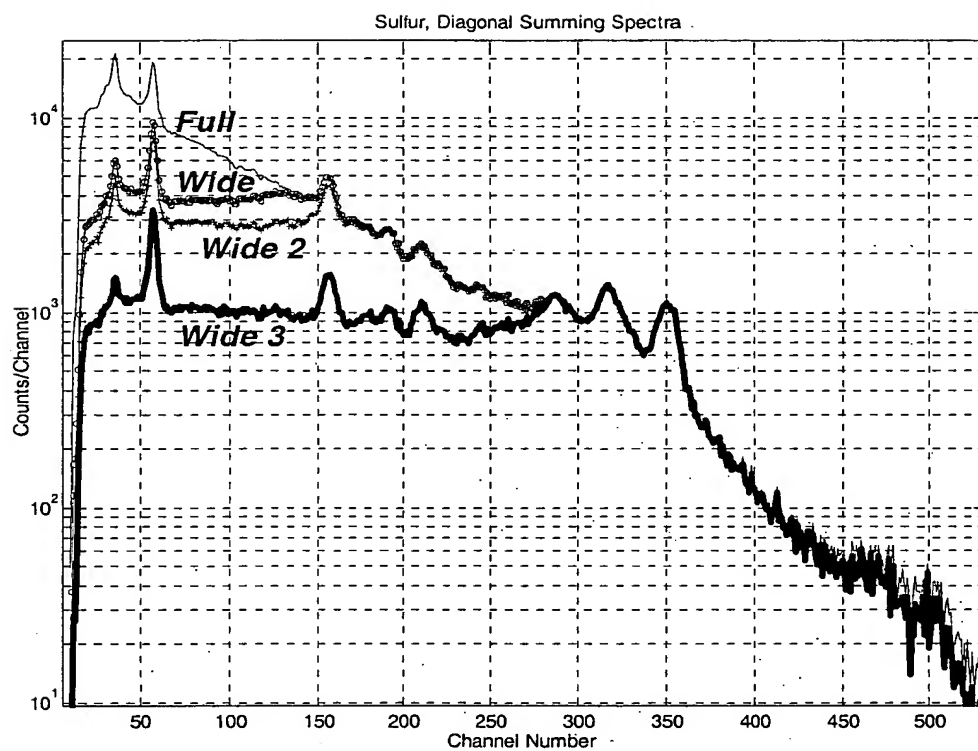


Fig. 39